



## TRANSACTIONS

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By etnika

Tribal african beads from polymer clay fashion background. Handmade jewelry.

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#### By etnik

Tribal african beads from polymer clay fashion background on wooden table. Handmade jewelry.

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- 1.3 Abbreviations should be spelt out when first used in the text. Scientific measurements should be expressed in SI units throughout, with two exceptions: blood pressure should be given in mmHg and haemoglobin as g/dI.
- 1.4 All numerals should be written as such (ie not spelt out) except at the beginning of a sentence.
- 1.5 Tables, references and legends for illustrations should be typed on separate sheets and should be clearly identified. Tables should carry Roman numerals, thus: I, II, III, etc and illustrations should have Arabic numerals, thus: 1, 2, 3 etc.
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- 2.2 Figure numbers should be clearly marked with a sticker on the back and the top of the illustration should be indicated.

2.3 Where identification of a patient is possible from a photograph the author must submit consent to publication signed by the patient, or the parent or guardian in the case of a minor.

#### 3. REFERENCES

- 3.1 References should be inserted in the text as superior numbers and should be listed at the end of the article in numerical order.
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  - Names and initials of all authors should be given unless there are more than six, in which case the first three names should be given followed by "et al". First and last page numbers should be given.
- 3.3 "Unpublished observations" and "personal communications" may be cited in the text, but not as references.

#### Article References:

 Price NC. Importance of asking about glaucoma. BMJ 1983: 286: 349-350.

#### Book references:

- Jeffcoate N. Principles of Gynaecology. 4th ed. London: Butterworths. 1975: 96
- Weinstein L, Swartz MN. Pathogenic properties of invading Micro-organisms. In: Sodeman WA jun, Sodeman WA, eds.
- Pathologic Physiology: Mechanisms of Disease. Philadelphia: WB Saunders, 1974: 457-472.

#### MAURICE WEINBREN AWARD IN RADIOLOGY

The award, which consists of a Medal and Certificate, is offered annually (in respect of a calendar year) by the Senate of The Colleges of Medicine of South Africa for a paper of sufficient merit dealing either with Radiodiagnosis, radiotherapy, nuclear medicine or diagnostic ultrasound.

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#### **Editorial**

### Re-emergence of zoonotic diseases: Impact on human health



Prof Gboyega A Ogunbanjo

By definition, zoonotic diseases infectious diseases animals (usually vertebrates) that can naturally be transmitted to humans. Zoonoses can be caused by a range of disease pathogens such as viruses, bacteria, fungi and parasites and of 1,415 pathogens known to infect humans, 61% were zoonotic.1 In the early 20th century, HIV was a zoonotic disease, initially a

chimpanzee version of the immunodeficiency virus, called the simian immunodeficiency virus or SIV. It was transmitted through human contact with infected blood of hunted chimpanzees for meat. It latter mutated as the human immunodeficiency virus (HIV). Other examples of zoonotic diseases include the Ebola virus disease, salmonellosis, and rabies to mention a few. The World Health Organization indicates that there are many contributory factors leading to the re-emergence of zoonotic diseases. Environmental changes, human and animal demography, pathogen changes and changes in farming practice are a few of them. Social and cultural factors such as food habits and religious beliefs also play a role.2

When reviewed in some detail, it has been reported that ecological changes such as creation of dams, changes in the ecosystem, deforestation and re-forestation, famine and climate have resulted in increased incidences of zoonotic diseases such as rift valley fever, Argentine and Hantaan HV. In terms of human demographics and behaviour with resultant migration from rural areas to cities, wars/ civil conflicts, urban decay and high density settings have assisted in accelerating the spread of diseases such HIV/AIDS, dengue fever, Ebola and cholera. International travel and commerce, which allow for global movement of people and goods including air travel have assisted in the dissemination of mosquito vectors, rat borne hantaviruses, SARS and influenza. The expansion of technology and industry has also contributed to the spread of zoonotic diseases through the globalization of food supplies, production and processing. Another contributory factor which is close to us as health care practitioners is the breakdown in public health care in most developing countries, which has seen the resurgence of tuberculosis, cholera, rabies etc.

Current approaches to zoonotic disease management are fragmented. Veterinarians deal with livestock disease, wildlife specialists with wild animal populations, ecologists with ecosystem biodiversity and public health experts with human disease. Meanwhile, separate groups work on disease management and disease eradication. There is evidently a need and a demand for a new approach.3 Measures to prevent emergence and spread of zoonotic diseases must lead improved real-time surveillance through integrated human, veterinary and wildlife disease systems, which will reduce time to recognition and enhance disease control.4

This is the unique opportunity for veterinary medicine and human medicine to collaborate through education, training and research in curtailing the re-emergence of zoonotic diseases. The focus of medical specialists and doctors treating human diseases that have their origin in animals without collaboration with the veterinarians has left a gap that needs to be filled to curtail the spread of these diseases affecting humans. Maybe this editorial is a call for action from professionals from both spectra of medicine to work together so that we can stem the tide before it is too late.

Prof GA Ogunbanjo **Editor: Transactions** 

#### References:

- 1. Claude Combes, The Art of being a Parasite, U. of Chicago Press, 2005
- 2. WHO. Emerging zoonoses. http://www.who.int/zoonoses/emerging\_zoonoses/en/ (accessed 27 March 2017)
- 3. Institute of Development Studies (IDS), 2013, Zoonoses from panic to planning: Rapid Response Briefings, ISSUE 02 • January 2013; IDS, Brighton BN1 9RE UK.
- 4. American Veterinary Medical Association, 2008. One Health: A New Professional Imperative. One Health Initiative Task Force Final Report, Washington, DC

# Presidential Message Time to review the contribution of work-based assessment in our high-stakes exams



Prof Mike Sathekae

CMSA continues to have a significant impact on society and to pursue excellence in examinations that are fair, valid and reproducible. But yet acutely aware that any form of assessment entails compromise. Hence a need for collection of different assessments that can be obtained with many different tools and sampling across a wide range of contexts, patients and assessors. To this effect the CMSA

goes all out to select a sample number of learning points to test the registrars on, which includes both written and clinical examination. However this still provide a snapshot of where a registrar is at a given point, and may not always reflect mastery. As most clinicians are of the view that mastery shouldn't be simply certified by the final test at the end of a course. Hence work-based assessment (WBA) is now a fixture in global and local medical education. To this effects the CMSA in partnership with the universities/SACOMD introduced a portfolio as a means to provide a record of objective evidence of competence and satisfactory performance. But this is not utilized and evaluated the same by all the different colleges. Perhaps this reflects an ongoing global debate on how to assess the "does" in the Millar's prism of clinical competence (Fig. 1). Clearly this prism suggested that WBA assesses the top level of the prism. But of-course this isn't simply a matter of focusing on work-based assessments instead of summative, both are essential and complementary and still emboldens our national professional exam.

World-wide, colleagues have raised serious concerns about utility of WBA for high-stakes summative assessment purposes. Indicating that assessment tasks in the real world are unpredictable and inherently unstandardised and they will not be equivalent over different hospitals and universities. Thus poising serious threats to reliability and validity of assessment. As well as, serious concerns about the subjectivity of assessments.

Fortunately, recent work have been supporting that several WBA tools, such as [mini-Clinical Evaluation Exercise (mini-CEX), case-based discussion( CbD), objective structured assessments of technical skills(OSATS) and multisource feedback (MSF)] combined in a portfolio can be a feasible and reliable method for high-stakes exams. Of interest is the new categorisation of WBA tools used by the RCOG, which divides the WBA into formative encounters; referred to as 'Supervised Learning Events' (or SLES), and summative encounters; referred to as'Assessments of Performance' (or AoPs)

(Table 1). With this approach; the patients, registrars and the examiners are beneficiaries as the formative WBA focus on the provision of structured, mandatory feedback whilst encouraging reflective practice by the registrar, and the summative WBA constitute assessments of observed performance, which allow registrars to demonstrate competence. With regards to who should be conducting the summative WBA; CMSA, SACOMD and HPCSA should consider a model that will consist of both the local and external examiners, as that will improve on the validity and thus inclusion in the high-stake exam.

In light of the current excitement around WBA tools, CMSA has been prioritizing the e-portfolio as evidenced by the ongoing pilots and the successful workshops that have been hosted. Key to this is that is for the registrars to keep an e-portfolio that is used to coach, monitor progress, and assess outcomes.

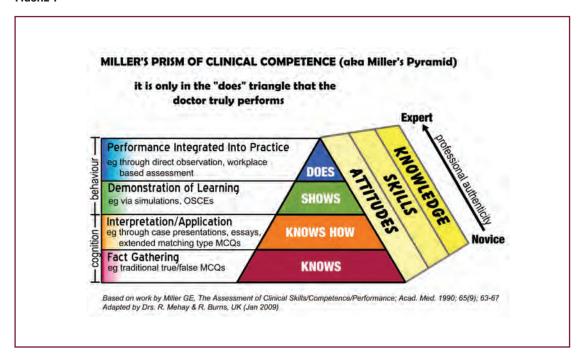
But we are also aware that the design and implement innovations in registrar's education may trigger a variety of effects in the workplace. Given the interrelatedness of the different effects, we encourage that all colleges (inclusive of registrars, examiners, HOD, deans) pay careful attention to the e-portfolio and WBA. We hope to get feedback that can lead to the portfolio as the umbrella that unifies formative and summative WBA, thus offering optimal encouragement for learning, while at the same time delivering high-quality information about a registrar's development as a basis for robust decisions.

Planned and implemented properly, it appears that different WBA tools combined in a registrars e-portfolio can reliably contribute to our high-stakes exams. Importantly this will mean consolidating and building meaningful partnerships with universities/SACOMD and DOH. (See overleaf Figure 1 and Table 1)

#### Selected References

- de Jonge LP, Timmerman AA, Govaerts MJ, Muris JW, Muijtjens AM, Kramer AW, van der Vleuten CP. Stakeholder perspectives on workplace-based performance assessment: towards a better understanding of assessor behaviour. Adv Health Sci Educ Theory Pract. 2017 Feb 2. doi: 10.1007/ s10459-017-9760-7. [Epub ahead of print] PubMed PMID: 28155004.
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#### FIGURE 1



#### TABLE 1

Formative asses	ssments (SLEs)	Summa	ative assessments (AoPs)
Assessment <i>for</i> learning  Formal quality	CbD		Assessment <i>of</i> learning  • Part of the summative
feedback • Reflective practice	Mini-CEX	OSATS	process • Measures of competence
Part of this e-portfolio for discussion at educational supervisor meetings, and will not be accessed by CMSA	OSATS		Part of this e-portfolio for contribution to the high-
	MSF		stake exams, and will be accessed by CMSA

Based on work by Parry-Smith W, Mahmud A, Landau A, Hayes K. Workplace-based assessment: a new approach to existing tools. The Obstetrician & Gynaecologist 2014;16:281-5. Adapted by Mike Sathekge

## **Admission Ceremony** 27 October 2016

The admission ceremony was held in the City Hall, Cape Town.

At the opening of the ceremony the President, Professor Mike Sathekge asked the audience to observe a moment's silence for prayer and meditation.

Prof Bongani Mayosi, Dean of the Faculty of Health Sciences, University of Cape Town delivered the oration.

Eighteen medallists were congratulated by the President on their outstanding performance in the CMSA examinations. Medals were awarded in the following fellowship disciplines, Anaesthetics, Family Medicine, Neurology, Neurosurgery, Obstetrics and Gynaecology, Ophthalmology, Otorhinolaryngology, Paediatrics, Radiology and Surgery.

The diplomate admission ceremony is now held at the time of the diploma oral examinations and does not form part of the formal CMSA Admission Ceremony.

The President announced that he would proceed with the admission to the CMSA of the new fellows by peer review, certificants and fellows.

The new Certificants and Fellows were announced and congratulated.

The Honorary Registrar - Examinations and Credentials, Professor Gboyega Ogunbanjo announced the candidates, in order, to be congratulated by the President. The Honorary Registrar - Education, Professor Jay Bagratee individually hooded the new Fellows. The Chairman - Finance and General Purposes, Professor Gilmie Kariem handed each graduate a scroll containing the Credo of the CMSA.

All in all the President admitted 3 Fellows by Peer Review, 57 Certificants and 348 Fellows.

At the end of the ceremony the National Anthem was sung, where after the President led the recent graduates out of the hall. Refreshments were served to the graduates and their families.

# Oration delivered by Professor Bongani Mayosi at the Admission Ceremony of The Colleges of Medicine of South Africa, Cape Town City Hall, 27 October 2016

### 'Make your mark on health care'



Professor Bongani M Mayosi

Professor Mike Sathekge, President of the Colleges of Medicine of South Africa, honoured guests, friends, colleagues, parents, spouses and children who are gathered in this joyous occasion tonight, it a pleasure for me to be among you.

I would like to congratulate all of the graduands for their success in the examinations. We must also remember that we owe our success to the love and support of

our families, friends, mentors and teachers. We should give them a big hand of applause.

I can remember vividly the day I came up to graduate as a Fellow of the College of Physicians in October 1995 in Johannesburg. It was a culmination of three years of hard work and relentless study day and night as a medical registrar, followed by a mother of all examinations that combined both the primary and final clinical examination in one sitting, and one of the toughest examinations in which the chances of failure were often higher than those of success at first attempt. For six months following that graduation ceremony, I woke up in a sweat dreaming that I had failed the examinations. I had all the criteria of post-traumatic stress disorder!

Over the past 21 years since I graduated, the College has come a long way in establishing a fair and valid examination system that does not harm the mental health of the registrars – or at least that minimises its impact.

I have had the pleasure to serve the College in various capacities between 2002 and 2014, first as an Honorary Registrar and President of the College of Physicians – and for the privilege to convene the Golden Jubilee celebrations in 2005.¹ We can all be proud of the College as an institution with world renown that plays a central role in maintaining the high standard of specialist medicine in South Africa. I encourage all graduands and diplomates not only to pay their annual membership fees for the rest of your life, but also to take up roles as examiners and committee members in your College. The future of the institution depends on you.

Nelson Mandela said that 'After climbing a great hill, one only finds that there are many more hills to climb.' You are at the top of your game in your field in terms of knowledge and professional skills, and you will play a leadership role in our health system. You are diplomates, specialists and sub-specialists in your fields but I would like you to consider taking the next step of becoming experts in a unique area of your specialism, and make a mark in healthcare and society in your own lifetime.

It is not enough to take the consultant post and continue where your predecessor left off. Each one of us were created to make a special contribution to the world. The next hill to climb is how this can be realised in your own life so that you can transform the lives of others.

It was at this juncture (in 1996) in my own career that I took up research training through a PhD to study cardiovascular disease at a time when there were limited funding opportunities in South Africa. This opportunity opened the possibility for making a contribution to the understanding of the origins and prevention of cardiovascular disease, and a fulfilling career as a physician and a scientist.

Twenty years later in 2016, there are many funding opportunities for specialists and subspecialists such as yourself that I would encourage you to consider. These include the Nuffield Oxford Medical Fellowship to the University of Oxford in the UK,² the Hamilton Naki Clinical Fellowship,³ The Discovery Foundation Fellowships, and the National Health Scholars Programme PhD Scheme. I invite you to take up these opportunities for additional training that will allow you to become extremely competent in an aspect of your field, and bring about transformation to our healthcare system and the health of our people.

Finally, ladies and gentlemen, I would like to leave you with the immortal words of Robert F Kennedy. Fifty years ago on the 6th of June 1966, he visited South Africa during the dark days of apartheid, and made his famous 'ripples of hope speech' at the University of Cape Town. He said 'Each time a man stands up for an ideal, or acts to improve the lot of others, or strikes out against injustice, he sends forth a tiny ripple of hope, and ... those ripples build a current which can sweep down the mightiest walls of oppression and resistance.'4

He went on to say that few will have the greatness to bend history itself, but each of us can work to change a small portion of events, and in the total of all those acts will be written the history of our generation.

I thank you.

Professor Bongani M Mayosi, Dean, Faculty of Health Sciences, University of Cape Town, Cape Town, South Africa

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### **Medallists**



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FCA(SA) Part I
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GOLDING TARRYN	UCT
GROENEWALD MICHAEL BURGER	UCT
HASSIM SAKEENA	Wits
JACOBS ELIZABETH JOHANNA	Wits
KISTEN PRABASSHINI	UP
LARSON ILKE	UFS
LEDWABA MAHLODI OSCAR	SMU
MASHEGO THORISO PUSETSO	
DOMINIC	US
MOFUBELU SELLO	UFS
MOGODI MORONGOA HAZEL	Wits
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NAICKER LUANSHA	UKZN
NAIDOO KATHRYN	UKZN
NKUNA AMANDA VUTOMI	Wits
NOETH HANNELO	UFS
NONGQO NEZISA PETUNIA	Wits
NTSHANI MMEREKA PATIENCE	
MARTHA	UL/SMU
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PRUDENCE	Wits
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MOGOROSI OLEBOGENG SEKOLOM	PA
DUCHENNE	SMU
MOLETSANE MABERENG MATSEPO	
MONARENG HOPEWELL DONALD	UP
MOSHAPO-SKOSANA KGOMOTSO	
OLGA	SMU
MOTSEMA TLADISO	UKZN
MOTSHEGWE - PALAI MATLHAPI	0
RUTH	SMU
MUTEVHE CHINAMORA	Foreign
NASCIMENTO FONSECA SANDRA	rororgii
MARQUES	Wits
NDOVIE LUGHANO	UCT
NGCOBO THANDEKILE LOUISE	UKZN
PARKER LIAQUAT ALI	US
PEPRAH MAMA-ASU AFUA	Wits
PHINZI SIBUSISO BLESSING	UKZN
PRINCE DEBORAH LYNNE	US
SETATI MATUMA PHILLEMON	Wits
SEWRAM CHANTAL	UKZN
SIBANDA MPUMELELO	Foreign
TINI TEMBISA	UFS
VINOOS LATIEFA	UCT
ZONDAGH INGE	UFS

#### Fellowship of the College of **Ophthalmologists of South Africa** FC Ophth(SA)

KAWADZA JANE US LE ROUX ETIENNE UKZN MALHERBE LODEWICUS FRANÇOIS **UCT** MOFOKENG SALAMINA, MATHABO Wits NAIDU NATASHA Wits Wits SEOBI TEBOHO Wits SMITH SUZANNE MARI YORK NICHOLAS JOHN **UCT** 

#### Fellowship of the College of Orthopaedic **Surgeons of South Africa** FC Orth(SA)

**BISMILLA SHAAHEEN** Wits DUMA MLEKELELI THEMBINKOSI **NTANDO** UKZN **ELGHAWAIL YOUSEF MOHAMED** US **GEZENGANA SYLVESTER LUCAS VUYO** UKZN JACOBS HANS WESSELS UP KHANYILE SIVESONKE SMU KNIPE ESTE Wits UP MAKU MALEHO MARAIS CHRISTOFF DE VILLIERS UCT MKHIZE SIBUSISO SYDNEY SMU MOHAMMEDALI SHAMSHUDIN UKZN MTHETHWA PHAKAMANI GOODMAN UKZN NDLELA SIBUSISIWE Wits OMOJOWO FOLUSO OLALEKAN Wits PIENAAR GERHARD US **RALL WERNER UFS** SCOTT IWAN UFS UKZN SIGODI DUDUZILE UCT SLUIS CREMER TIMOTHY RICHARD STRAUSS KARL US VAN NIEKERK ANDRIES HENDRIK UP **VENTER SHAWN** UKZN

#### Fellowship of the College of **Otorhinolaryngologists of South Africa** FCORL(SA)

WSU DZONGODZA TITUS Wits MAKAULULE PRINCE RATSHILI UP MAKUNGA ASANDA MATINHIRA NABOTH NEVSON Foreign MORGADO NATASHA ALEXANDRA **GASPAR** Wits UYS HENDRIK KENDAL US VAN STRATEN ANDRIES FRANCOIS US

#### Fellowship of the College of **Paediatricians of South Africa** FC Paed(SA)

ABRAHAMS ZAAHIR WSU

ABUMHARA SALAH ALSHARIEF GHIET BOPAPE-CHINYANGA THOKOZILE CORA Wits CARKEEK KATHERINE JANITA US GHULAM HOOSAIN SHENAAZ BANOO Wits IDRUSS JAMALDEEN MUHAMMAD UP IRUSEN SHAEGAN US JACOBS CARMEN MICHELLE US KAY CHANÉ US UP KUTUMELA DIPUO LOUISA LAKHAN ARUNA US LUTHULI NONTOKOZO PORTIA UKZN MAHARAJ MARSHE UP MASHEGO MAGANONG PAMELA UL/SMU **AGNESS** MBALE EMMIE WAKUPA UKZN MBETHE AUDREY PHILISIWE SMU MCALPINE ALASTAIR KENNETH **UCT** MENDES JACQUELINE FARIA Wits Wits MONARENG MOHAMED-AMIN UKZN MSIMANGO SIMPHIWE HAZEL UKZN MSOMI PEARL AYANDA MTHOMBENI AMUKELANI SMU UKZN MURIGO-SHUMBA DAVIDZO NEPFUMBADA MULALO UKZN **NEWTON CHARITY** SMU NGCANA THANDEKA VUYISWA ZAMANSUNDU Wits NKABI THANDEKA UNATHI UP Wits NTULI NANDI **NTWIGA JOLLY** UKZN ONDONGO-EZHET CLAUDE CHRISTELLE ELEONORE Wits PHOLO MOLEFI JONAS UP RADEBE PALESSA UKZN UKZN RAMPERSAD AYUSHYA RIEMER LINDA JANE UCT Wits ROTTANBURG DANIELLA EVA SETHOMO WARONA PRICILLA Wits THERON NICKE UFS TLAKA ZANELE ANNASTACIA UP TSIMANE KATLEGO Wits VAN DER WESTHUIZEN FRANS **PFTRUS** US WILLOUGHBY MARK UKZN

#### Fellowship of the College of Paediatric **Surgeons of South Africa** FC Paed Surg(SA)

ZABIEGAJ-ZWICK CAROLINE MARIA US

Fellowship of the College of Pathologists of South Africa - Anatomical FC Path(SA) Anat

**GOVENDER MICHELLE** UKZN KHABA MOSHAWA CALVIN UKZN

LINDEN JESSICA CHARLOTTE	Wits	NYIRENDA SAULOS KONDWANI		Fellowship of the College of Diagr	ostic
MANDA YAMBANSO SHARON	US	GREENWELL	UCT	Radiologists of South Africa	
MSIMANG MPUMELELO ZAMA	UKZN	OKUTHE JACKTONE ODHIAMBO	Wits	FC Rad Diag(SA)	
MULENGA MAURICE	UKZN	PERUMAL RUBESHAN	UKZN		
NHLONZI GAMALENKOSI	OTILIT	POULET ERMA	UCT	BUTHELEZI THANDI	Wits
BONGINKOSI	UKZN	SHAW JANE ALEXANDRA	US	CELLIERS ARNO ERHARDT	UFS
SENGOATSI TSHEPANG	UFS	SHEIKH ABID MUBASHIR	UCT	CONRADIE WILHELMUS JACOBUS	UFS
SINGH SHIVANI	UKZN	SIKAZWE MOMBO	UCT	DE KOCK SHARON HILARY	UFS
CINCIT CHIVAIN	ONZIV	SINGBO JOSEPH	UCT	DU TOIT MARIA JOHANNA	Wits
Fellowship of the College of Path	ologists	TOM TONY	UFS	GUGUSHE MATSELISO	
of South Africa - Clinical Patholog	_	VAN DER LAAN HERMAN JOHAN	UP	MAGDALENA I	JL/SMU
FC Path(SA) Clin	37	VAN ROOYEN GISELA	UP	JACOBS KATHLEEN LOUISE	Wits
, ,		VINASITHAMBY UMATHEVAN SELVA		Joubert Mia	SMU
SWART CELESTE	UCT	WAWERU ALVIN WACHIRA	UCT	MABANDLA NIKELO	UCT
		WIUM LIZEMARIE	UP	NAIR TAMIYA	UCT
Fellowship of the College of Path	ologists	WIOW LIZEWATTE	UI	PADI JOSIAS	Wits
of South Africa - Haematology		Fellowship of the College of Plast	tic	PILLAY PARUSHA	Wits
FC Path(SA) Haem		Surgeons of South Africa	iiG	PUTTER ELITA	UP
		FC Plast Surg(SA)		SEFANYETSO THATO CATHRINE	Wits
HAUPT LERISKA	UFS	FG Flast Surg(SA)		SINGO TSHIWELA PHUMUDZO PILAR	Wits
SUBRAMONY NISHANTI NADHIYA	Wits	PADILHA JOAO FILIPE SOMENSON	\\/i+o	TIEMESMANN TONY NICOLAS	UFS
Editor of the College of Balls		PADILHA JUAU FILIPE SUMENSUN	Wits	VAN DER WESTHUIZEN GERHARD	UFS
Fellowship of the College of Path	ologists	Followship of the College of		VAN ZYL CHRISTOFFEL JOHANNES	UFS
of South Africa - Microbiology		Fellowship of the College of			
FC Path(SA) Micro		Psychiatrists of South Africa		Fellowship of the College of Radia	tion
ABRAHAMS MOHAMMAD SHAREEF	US	FC Psych(SA)		Oncologists of South Africa	
CHOMBA RISPAH NYAMBURA	Wits	DEVE MAGAGE CIDIV	1471	FC Rad Onc(SA)	
MONCHO MASEGO MARYJANE	UFS	BEKE MASASE GIRLY	Wits		
NTULI SINDILE VENESSA	UCT	GABRIELS CHARNOTTE MARGOT	US	DALMEYER LISA	UCT
		JACOBSON CANDICE IVANNA	UCT	FORD PELISA	WSU
Fellowship of the College of Phys	icians	MAKGOBE KUBU ERNEST	UP	HART HEIDE	UCT
of South Africa		MICHIE GRAEME AIDAN	US	JAFTA ZUKISWA	WSU
FCP(SA)		NCUBE ROSINAH KGOMOTSO	UP	JORDAAN JACOLINE	UFS
		PARKER MICHELE TRACY	UCT	KUNENE SANELE	UKZN
ABDULLAH MOHAMED FARIED	UCT	POTGIETER MEENT FRANÇOIS	UFS	MARK YAEL	Wits
amwaama martha jakula	UCT	PRINSLOO RIAAN GERRIT	UP	PIEK PELHAM CLIFTON	UFS
BULBULIA SAAJIDAH	Wits	ramnarain pooja meghna	UKZN	PUPWE GEORGE	US
DATAY MOHAMMED ISHAAQ	UCT	STARKE JONATHAN ALAN	UCT	THEBE TSELANE THEMIS	US
DUVENHAGE NADIA HASSEN MUHAMMED	UP US	VAHED NADIRA	Wits		
JANSEN MOSES FRANCOIS LOUIS	US	van Niekerk Jacobus		Fellowship of the College of Surge	ons of
JOUBERT LLOYD	US	JOHANNES STEPHANUS	UFS	South Africa	
KGOLE MAMOKOMA BECKY	UP			FCS(SA)	
Laher Muhammad	Wits	Fellowship of the College of Publ	ic		
LEVIN MENACHEM ZVI	Wits	Health Medicine of South Africa		DAYANAND AVINDRA	UKZN
MARECHERA DAMBUDZO SABBATH	-	FCPHM(SA)		DE JAGER-WOOD CHANTELE	
MATHEKGA MAJADIJI DAVID ELKAL	_			RAQUEL	UFS
MATHIBA ROFHIWA MARGARET	Wits	MAJAKE LEHLOHONOLO	UP	HUMAN LIZELLE	UFS
Mawila Seva Daniel Mbuyamba Lumanda	UFS Wits	MATHEWS MOUSHUMI ANN	Wits	JUGUNANAN GOURISHA	Wits
MEEL SWATI	Wits			KGATLE ALBERT MAILE	UKZN
MOHAPI MAKGOTSO	Wits	Fellowship of the College of Publi	ic	MAKHOBA SIZWE	US
MOJA LEBOGANG	Wits	<b>Health Medicine of South Africa</b>	-	MALITH VICTOR JAL	Wits
MOKGOKO DIDINTLE	Wits	Occupational Medicine		MOSAI FUSI	SMU
MOLEFI THULO	UKZN	FCPHM(SA) Occ Med		NSAKALA LENDO	SMU
MORROW AMY JULIETTE	US			OKEKE IKENNA CLETUS	SMU
MPHAHLELE MAKGOTSANE JONAS	SMU	CLOETE BRYNT	UCT	PATEL SORAYA	SMU
NAYIAGER ENDRESEN	UKZN			DUNCHTCHE MAZWI LAZADUC	LIEC

HARIPARSAD SUJATHA

NGAJILO DOROTHY

Wits

US

NWANKWO CHIKEZIE

**NELL TANJA** 

UKZN

UCT

PUNGUTCHE MAZWI, LAZARUS

SELWANE NEO HELLEN

UFS

 $\mathsf{SMU}$ 

SINGH KIYASHA Wits SINGH NATASHA SMU VAN RENSBURG RUDI US VILJOEN ANDREW JOHN UKZN

Fellowship of the College of Urologists of South Africa FC Urol(SA)

MEINTJES CATHARINA MARGARETHA US
OPONDO DEDAN OLUOCH US
PINTO GREGGORY AUGUSTUS UCT
SINGH KIRAN UKZN

#### **CERTIFICATES**

Sub-specialty Certificate in Allergology of the College of Paediatricians of South Africa Cert Allerg(SA) Paed

TRIKAMJEE THULJA UCT

Sub-specialty Certificate in Cardiology of the College of Paediatricians of South Africa Cert Cardiology(SA) Paed

FERRIS ALICIA RENE UCT

Sub-specialty Certificate in Cardiology of the College of Physicians of South Africa Cert Cardiology(SA) Phys

CHHIBA MUKESH	UCT
KURIAN ANIL	UP
MALULEKE THEMBA HARRY	Wits
MOEKETSI KHULILE	UCT
MUJWAHUZI LEODEGARD	Wits
NKURUNZIZA JAMES	Wits
NTUSI NTOBEKO AYANDA BUBELE	UCT
VAN RENSBURG ANNARI	US

Sub-specialty Certificate in Child and Adolescent Psychiatry of the College of Psychiatrists of South Africa Cert Child and Adolescent Psychiatry(SA)

OSHODI YEWANDE US PATHER SARVANI Wits

Sub-specialty Certificate in Clinical Haematology of the College of Physicians of South Africa Cert Clin Haematology(SA) Phys

ASHMORE PHILIPPA Wits

Sub-specialty Certificate in Critical Care of the College of Paediatricians of South Africa
Cert Critical Care(SA) Paed

CHUEU SEDIMA Wits

Sub-specialty Certificate in Critical Care of the College of Physicians of South Africa Cert Critical Care(SA) Phys

PADAYACHEE AVASHINI Wits SULEMAN LAILA Wits

Sub-specialty Certificate in Critical Care of the College of Surgeons of South Africa Cert Critical Care(SA) Surg

SKINNER DAVID LEE UKZN

Sub-specialty Certificate in Endocrinology and Metabolism of the College of Physicians of South Africa Cert Endocrinology and Metabolism(SA) Phys

MERWITZ BRAD JARRED Wits SEEDAHMED KHALID HASSAN UCT VAN DER WALT ANDREW JOHN Wits

Sub-specialty Certificate in Gastroenterology of the College of Physicians of South Africa Cert Gastroenterology(SA) Phys

BADENHORST PETRUS JACOBUS US MYENI NOMCEBO NOMTHANDAZO UKZN

Sub-specialty Certificate in Gastroenterology of the College of Surgeons of South Africa Cert Gastroenterology(SA) Surg

DALWAI EBRAHIM KHAN UCT
GOOL FERHANA UCT
KLOPPERS JACOBUS CHRISTOFFEL UCT
MBATHA SIKHUMBUZO ZUKE
OKE OLATUNBOSUN AYOKUNLE UCT

Sub-specialty Certificate in Geriatric Medicine of the College of Physicians of South Africa

Cert Geriatric Medicine(SA)

PARKER FAHEEMA UCT

Sub-specialty Certificate in Gynaecological Oncology of the College of Obstetricians and Gynaecologists of South Africa Cert Gynaecological Oncology(SA)

MABENGE MFUNDISO SAMSON UP

Sub-specialty Certificate in Infectious Diseases of the College of Paediatricians of South Africa Cert ID(SA) Paed

MAKONGWANA BUHLE SIPHELELE US

Sub-specialty Certificate in Infectious Diseases of the College of Physicians of South Africa Cert ID(SA) Phys

PARKER ARIFA US

Sub-specialty Certificate in Maternal and Fetal Medicine of the College of Obstetricians and Gynaecologists of South Africa Cert Maternal and Fetal Medicine(SA)

CLUVER CATHERINE ANNE US

Sub-specialty Certificate in Medical Oncology of the College of Paediatricians of South Africa Cert Medical Oncology(SA) Paed

ANDRADE ANABELA DE SOUSA UCT NETSHITUNI VHUTSHILO US

Sub-specialty Certificate in Neonatology of the College of Paediatricians of South Africa

Cert Neonatology(SA)

COYLES LIZE BOSHOFF UCT

Sub-specialty Certificate in Nephrology of the College of Paediatricians of South Africa

Cert Nephrology(SA) Paed

CHOOPA MICHELO SHARON UP REDDY DEVESHNI UCT

Sub-specialty Certificate in Nephrology of the College of Physicians of South Africa

Cert Nephrology(SA) Phys

DO VALE CLAUDIA Wits
MANGENA PHETHO MASHAOLE
NKULULEKO UCT
MATHONSI RUDZANI DEBRAH Wits
PELLIZZON ADRIANO SILVIO US

#### Sub-specialty Certificate in Paediatric Neurology of the College of Paediatricians of South Africa Cert Paediatric Neurology(SA)

IBEKWE ROLAND CHIDI	UCT
KESHAVE AMITH	UKZN
QUVILE TANDOKAZI	UCT
REDDY YAVINI	UKZN

## Sub-specialty Certificate in Pulmonology of the College of Paediatricians of South Africa

#### Cert Pulmonology(SA) Paed

MOREMI MAKOMA DIETSA UL/SMU

#### Sub-specialty Certificate in Pulmonology of the College of Physicians of South Africa Cert Pulmonology(SA) Phys

NQWATA LAMLA	Wits
VORSTER MORNE JOHAN	US

#### Sub-specialty Certificate in Reproductive Medicine of the College of Obstetricians and Gynaecologists of South Africa Cert Reproductive Medicine(SA)

NENE LAURA NANA ZOZO	UP
STRYDOM JACO DU PREEZ	UFS
VENTER CHRISTIAAN HAROLD	US

#### Sub-specialty Certificate in Rheumatology of the College of Paediatricians of South Africa Cert Rheumatology(SA) Paed

BRICE NICOLA SIAN	UCT

#### Sub-specialty Certificate in Rheumatology of the College of Physicians of South Africa Cert Rheumatology(SA) Phys

BOUWER FRANCOIS	US
DITLOTLO GAONE MAIPELO	Wits
ELASIR HAITHAM	UCT
MOOSAJEE FARZANA	UCT

#### Sub-specialty Certificate in Trauma Surgery of the College of Surgeons of South Africa Cert Trauma Surgery(SA)

ARKO-COBBAH EMMANUEL UFS

## PART I, PRIMARY AND INTERMEDIATE EXAMINATIONS

#### Part I of The Fellowship of The College of Anaesthetists of South Africa FCA(SA) Part I

ABRAHAM MEERA AMADO LEANDRA ANASTASIA	WSU
ANDISHA EMADALDIN	
BEZUIDENHOUT EMILY MATHILDA	Wits
CHABILALL JOSHNA AMRITH	******
CLAASSENS CAREN	
CONRADIE WILLEM STEPHANUS	
CROWTHER MARCELLE	
DAVIDS RYAN	US
DE SWARDT MATHEW PETER	
DIPPENAAR PETRUS JOHANNES	US
FERREIRA ANJEANETTE	Wits
FEUTH MARGARETHE	
FRANKEN CORNELIA ELIZABETH	
FRANKISH LEANNE KIM	
HOUSTON CELESTE	
INAMBAO-RAMARUMO TSHOLOFELO	
INAMBAO-RAMARUMO	
JANSE VAN RENSBURG NICOL MARIE	Wits
KEMPE LAURA JESSICA	
MANJOORAN GRACE RAJAN	Wits
MAPHUMULO THEMBELIHLE ORAPET	Wits
MARSICANO DANIELA	UCT
MASETI PUMZA	
MATSANE LEBOGANG MARTIN	Wits
MOGOTSI KENALEMODISA LINDIWE	
MOON STORM CARA	
NDWANDWE MBALIYETHEMBA ZIMEL	.E
NOVEMBER VUYOKAZI JOY	
PILLAY FULTON	
PILLAY SUNTHURIE	
RAPULENG ALETTA MOITOI	
RATLABYANE LESHATA MIRIAM	
ROSSOUW ELIZNA	
SEILBEA LINDI YVONNE	UKZN
SIMPSON GARY CHRISTOPHER	
STEYN FRANCOIS ANTON	
VAN VREEDE JOSEPH JAMES	
VOKA DI BETU	

#### Part I of the Fellowship of the College of Clinical Pharmacologists of South Africa FC Clin Pharm(SA) Part I

GRIESEL RULAN UCT

Part I of the Fellowship of the College of Dentistry of South Africa - Orthodontics FCD(SA) Orthod Part I

**DURIC NEBOJSA** 

Part I of the Fellowship of the College of Dentistry of South Africa -Prosthodontics FCD(SA) Pros Part I

#### DE KOK JENNIFER

#### Part I of the Fellowship of the College of Dermatologists of South Africa FC Derm(SA) Part I

BUTHELEZI S'LINDILE OMEGA	Wits
HIRSCHFELD EUGENE ROUF	UCT
THOBANE JACOB	Wits

#### Part I of the Fellowship of the College of Emergency Medicine of South Africa FCEM(SA) Part I

CHUNGA RAMADHAN MOHAMED	US
DE CAIRES LEONEL	
GILBERT THOMAS	UCT
GROVE WILLEM JACOBUS	
HART JEDD CRAIG	
HUMAN RULÉ	UP
LOTTER NURAAN	
Mapata Limbani	Wits
MOSETLHA THABO RICHARD	
MYBURGH MICHELLE CHRISTY	
NAIDOO RHONDA-LEIGH	
RAMATSHELA DIMAKATSO VANESSA	UP
SINGH MIKA	
Zaayman heinri	

#### Final Part A of the Fellowship of the College of Family Physicians of South Africa FCFP(SA) Final Part A

CROWLEY LAWTON EDMUND	US
LEBOHO SPHIWE JOHANNAH	SMU
MABENA JOB MAGWABO	UP
MBUILU JODY PUKUTA	Wits
MCCRINDLE LORNA YOUNG	UCT
MOLEKO CAROLINE KEAGILE	
BOITUMELO	SMU
MOLOPE TSWELOPELE ELAINE	
ANNA	SMU
MWAMBA HELENE BUHINDA	UP
NSIMBO KAYUMBA BIN ASSUMANI	Wits
PRESENCE-VOLLENHOVEN MELLISA	
DELIA	US
RAMPERSAD KAMAL	UKZN
SAYED JAVED	US
UMEH ANDREW EKENE	UP
UWAKATA EJIROGHENE BISHOP	Wits
WILLIAMS BEVERLEY RAY	US



MOROBADI KENALEMANG UP SOUL BATHABILE UP

Part I of the Fellowship of the College of Medical Geneticists of South Africa FCMG(SA) Part I

BAILLY CLAUDE DIDIER Wits DILLON BRONWYN Wits

Part I of the Fellowship of the College of Neurologists of South Africa FC Neurol(SA) Part I

KROON LOUIS

MANDLESILO SIMPHIWE EMMANUEL Wits

MCMULLEN KATE ELISABETH

MOODLEY TRISHA

MUSHAWARIMA TAWANDA

NESHUKU SAARA NDINELAGO UCT

Primary of the Fellowship of the College of Neurosurgeons of South Africa FC Neurosurg(SA) Primary

DE JOHN BYRON GORDON
HASHELA TOIVO USKO N.
ILORAH ONYEKA VALENTINE
MABASO SIPHO NTUTHUKO
MABOVULA NDYEBO SAMKELO
MAHOULI FATA VOUNKI MAHOULI
UP
MATHE THABO
MOLEFE MASECHABA
MUILA SESHOKA LAUDWICK
OYONO OYONO MERLIN ARISTIDE
SAUL-MACALA YONELA
SHONGWE MPUMELELO

Part I of the Fellowship of the College of Obstetricians and Gynaecologists of South Africa FCOG(SA) Part IA

ADAMS TASNEEM
ADLAM JAN ANDRIES
AHMED TASNEEM
AMPONSAH KWAKU POKU UCT
ASHNAF DARIN ALI OTHMAN ALI Wits
BAGRATEE SHARVAY JAYD
BULELA GUSTAVE MWIPATAYI
DE JONGH SKYE FRANCIS
ETWARO ARVIND CHETAN UKZN
GAZA MERCY

**GWANZURA CHIPO** UCT HESSEN MOHAMED HLAPANE RAMAKHOSANA SAMUEL IMOGIE IMOGIE SUNDAY AFEMIKHE UKZN KHAN RUSHDAH LARIZA KLASSEN THALIA Wits MADAMOMBE TARIRAI MASEKO PEARL MASHISHI KHOMOTJO DORCUS MASUKUME RUMBIDZAI MONGALO KLAAS NAKEDI UCT MORERI-NTSHABELE BADANI MOTEANE KARABO CAVIN MPEHLE CATHERINE SIBONGILE NCHABELENG-SHIBAMBU MADITHAME RACHEL NGIDI NOSIPHO REJOICE Wits **NGUEKENG ETIENNE** UKZN ONWUGHARA CHIDEBERE EDWIN RODRIGUEZ VAZQUEZ RAUL UKZN SETLABA TSHEPO PATRIC SHEEHAMA ILONA NDAPEWA SOOKNUNDEN BHAVNA GAWSMITHI UKZN TLHABANO DAVID ROYAL UCT VAN DER MERWE TIAN ACKERMAN **UFS** 

Part I of the Fellowship of the College of Obstetricians and Gynaecologists of South Africa FCOG(SA) Part IB

AHMED TASNEEM ARTHUR-BAIDEN EMMANUEL ASHNAF DARIN ALI OTHMAN ALI Wits **BAGRATEE SHARVAY JAYD** UCT BENGESAI DANIEL MISHAEL **BENNETT JASON** US CHIKUTIRO ADMIRE DAIHOUM RAFIK MOFTAH DAIHOUM UKZN DALMACIO RICHE CABILIN DE JONGH SKYE FRANCIS DLAMINI GCEBILE LUNGILE UCT **GOVINDASAMY SUVESHNI GQOLA SISEKO MCEBISI** HABINEZA JOHN PAULUS HENDRICKS FAHAD HLABISA MZUVELE ARCHWELL UKZN IMOGIE IMOGIE SUNDAY AFEMIKHE UKZN JAFTER ROLENE MEGAN UKZN JIMOH ARILEFELA SIKIRU KALONJI MPAMBA SYLVAIN KHULU KWANO MAHLAKO KGWERANO LAFON JACQUELINE Wits MADAMOMBE TARIRAI MAHABANE REFILOE FAITH MAKORE WILLIAM

MBANJWA SIPHESIHLE AZI Wits MNDEBELE SBUSISO TREVOR MONTGOMERY COLIN JACO UCT NCHABELENG-SHIBAMBU MADITHAME **RACHEL** UKZN NENE SIZAKELE CHARITY **OLIVIER SUSANNA ELIZABETH** ONWUGHARA CHIDEBERE EDWIN UKZN ORD ASHLEIGH PAULSEN CHANÉ RATTAN RAVINDRANATH LALJEETH UKZN RODRIGUEZ VAZQUEZ RAUL UKZN SAIDI FRIDAY SALEM SAUAD Wits SEEVNARAIN DIVALKA UKZN VENGE MERVYN

Part I of the Fellowship of the College of Ophthalmologists of South Africa FC Ophth(SA) Primary IA

BASSON ALBERTUS WILLEM US
CAMACHO MONIQUE DE GOUVEIA
DANAH ANTONNETT
DAVE S'RUTI MAHENDRA
ELMSLLATI AHMED SALEM MOFTAH UKZN
KAMFFER GERHARD
VAN DER COLFF FREDRICH JAMES

Primary of the Fellowship of the College of Otorhinolaryngologists of South Africa FCORL(SA) Primary

CEZULA SIBULELE
DIN TASEER FEROZE
MOLOKOMME THOBILE SARAH
MOSHAPO-LOUW TSHOLOFELO ANNAH
MWALE DALITSO
NANDKISHORE TANUSHA

Part I of the Fellowship of the College of Paediatricians of South Africa FC Paed(SA) Part I

AFRIKA KAMOGELO BARKER LARISSA BENGUMA WAFA UKZN BODIBA TSHEPHO LESIBA LAURENCE UFS BUTHELEZI GUGULETHU FAITH UKZN CAMPBELL CARMEN-LEIGH **CHONAN VANESHAN CUMMINS TRACY ROBYN** DAO MOHAMED ALI AHMED UKZN DARWICHE KAMAL DAWJEE FAEEZA DE JAGER RIKA LEONORA DIJO RESHOKETSWE MANKATE **DLAMINI SIBONGILE** DU TOIT DERRIK **DUBE-PULE ANELE SICEBILE** 

MALAHLELA LERATO WILLIAM

MATHIBE OMPHEMETSE VICTORIA

**DUVENHAGE JOANIE** Part I of the Fellowship of the College MHLABA LONA US of Pathologists of South Africa - Oral EBRAHIM MOHAMEDRAZA MOHAMED FAAIZAH **Pathology** MOLL JENNY LYNNE **EDWIN ROBERTA** FC Path(SA) Oral Part I **EL-BORAEI SAMAH** MOLOANTOA- ANDRIES MOTSHIDISI. I. **FAITH** FLACK KATHERINE DAPAAH GLORIA FREMAH **GAJUDHUR JUYOTEE GOLDEN LAUREN MEAGEN** Part I of the Fellowship of the College GOOMO-NCUBE TUDUETSO of Physicians of South Africa **GREYLING MARNEL** FCP(SA) Part I UK7N **HOOSEN SAFIA** ISAAC NIKHILA AGAEL MUNIR HUSEN A.AGAEL JOHAAR RIZQAH AITCHISON WESLEY MARK GI ADYS KADER NAUSEEN UKZN AKAZIE EBELE ANTHONIA KAPANGA LUANI JACQUES ALAM MOHAMMAD SAMIUL KHUMALO MIRIAM BUSISIWE UKZN ASHOUR EMAD MABROUK ALHAAJHAMAD KOOLASH KIM KISSY ASMAL TAAHIR KRAUSE ROELOF CILLIERS BANDA TAYANJANA CECILIA UCT LEVETAN CANDICE SARA **BEUKES AMANDA** MABASA KULANI **BIRCH CANDICE TATUM** MADIKIZELA THOZAMILE **BOER ETIENNE HERBERT** US PERUMAL DANE MAFUMANA YAMKELA **BOTTEN JAMES JOSEPH** PIETER SYLVIA MAHOMED RAEESA MOOSA KARA BUTHELEZI PHILOKUHLE PATRICK UKZN MATHAMO ASANDILE **BUX TASNEEM** MATLOU MASEFETSANE JUDITH DANIELS CHETOIVO WILLIAM DINTWE MMABATHO NGOANANOKA MDLETSHE SINEGUGU Wits **PORTIA** MEHEMED ASR MEHEMED MEHEMED DU PLESSIS JEAN ADRIAAN MVINJELWA ANDISWA OCTAVIA US **DUMA SIYANDA** NDJOZE LORRAINE ESAADI MOHIDIN AMAR UKZN NDLOVU NONJABULO XOLILE SMU FAIRLAMB MARK DARREN NDLOVU PHIWOKUHLE ZAMOKUHLE SCHUTTE JASON GAMIZELO GIKOSO STEPHANE NGWENYAMA PRINCESS ZINZILE **UFS GATLEY ELIZABETH MARGUERITE** PILLAY DHESAN NEIL **GOBLE MEGAN LOUISE** UKZN PILLAY LARISHA **GUMEDE DUMISANI SIYABONGA** RAMAPHANE TSHIRELETSO Wits SIYABONGA HABIBA PARVIN UMME RAMSUNDER SHEETHAL HLATSHWAYO NTSHIELE RUTH SMU SFI FI A MPOKEI FNG SINGH NAVESH HOOSAIN SHAKEEL SERONDU MASHILO JIMMY UL/SMU ISAACS GAVIN SEAN SIAMISANG AOBAKWE BETTY JASSAT ROMANA UK7N STRETCH KELLY JOHANNES LEIGH TURNER TRACEY LAUREN JOOMA AHMAD KANDE PATRICK LUFUTA Part I of the Fellowship of the College US KAPOFI NANCY EUNICE of Pathologists of South Africa -KAPP JACINTO JOHN **Anatomical** KARAMCHAND SUMANTH FC Path(SA) Anat Part I KATJOMUISE JESSICA KAPENAUARUE

UKZN KHATHALI LERATO CLAUDIA MASENYA SEKWAILA ANTOINETTE UP NEVONDO LESEDI MAKGWETHELE SMU

#### Part I of the Fellowship of the College of Pathologists of South Africa -**Haematology** FC Path(SA) Haem Part I

ABDULLAH IBTISAM CERFONTEIN WARDAH US DE KOKER ANNEMARIE **UCT** 

Part I of the Fellowship of the College of **Psychiatrists of South Africa** FC Psych(SA) Part I

FAKROODEEN ADAM ABDUL KADER UCT UCT PLANTING TALIA KATE ROOJEE AHMAD SHAWKAT ALI UKZN TAU MACHIPI

Wits MOSIDI KARABO KINGSLEY MOUBANE ANGELA KEFILWE MUCHENJE TATENDA PRINCE MUDIWA BENSON MUNYARADZI MURINDAGOMO ALBERT TICHAONA NAICKER NISHOLINI NDHLEBE GUGULETHU KHANGEKILE NDLOVU MOHELEPI PERCY NGALE TSHEPO CLETUS NGIBA ZENZELE GINIUS UKZN NTILA PATIENCE MTWAKAZI **OLIVIER GENEVIEVE** OXLEY OXLAND JONATHAN PARKER NOUSHEEN SMU SMU PILLAY PRENOLAN RANDEREE AHMED MAHOMED **RAWOO VEDANAND ROOS NICOLE GAIL** UP **ROSA JENNIFER FRANCES** SALAHEDDIN EKNEWIR SANDERS CATHRYN JANE SASI ABDULBASET BASHIR M SELLO NTEBOHENG SETLALENTOA LERATO MMATSIE SHANGE KWENZAKWENKOSI UKZN SHONGWE MPHO SIKHUMBUZO STRYDOM MAGDEL SUNNYRAJ MIDHU MARY TADERERA CHARLOTTE TANISH SALAH AH G TAYOB AHMAD ISMAIL TEW CATHERINE LOUISE TITUS GIDEON JOHN VAN DER HOVEN LOUIS ADRIAAN VAN DER MERWE LE ROUX VERMOOTEN BARBARA WESSELS ANNELIESE ALTRUT YUDELOWITZ GREGORY SAUL ZINGONI RATIDZO LYNIA

UP

ПÞ

KHUMALO BHEKIMPILO

MADUWA MASHUDU

MALUSI SITYHILELO

MASEMOLA TIEGO

MAZAZA ARLENE

MBANGA LUYANDA

**MAJOLA THINA** 

KWAPE LAWRENCE LESEGO

LIMBERIS CATHERINE LYNNE

MAKHURA BOLOKANG JONES

MALISHI PHELELANI HOWARD

MAPIMHIDZE DANAI SYLVIA

MARAIS SHELDON KILLIAN

## Part I of the Fellowship of the College of **Diagnostic Radiologists of South Africa** FC Rad Diag(SA) Part I

Wits CHAANE NTHABISENG DZAMATIRA DAVISON FOX I II ANIF JANSEN PIET-THERON LIEBENBERG ELRÉ MABASO SABELO HERBERT NICOLAOU MARK ANDREW PEISER GARY CHARLES WESTON PRINSLOO ERICA

SMU SIWELA LEBOHANG

VAN PAPENDORP LOUIS WILLEM IJΡ **ANDRIES** 

#### Part I of the Fellowship of the College of **Radiation Oncologists of South Africa** FC Rad Onc(SA) Part I

UCT CHIDOTHE IRENE ALINAFE GINA NONTOKOZO UKZN **ZUMA NOKWANDA PHILILE** UKZN

#### Primary of the Fellowship of the College of Surgeons of South Africa FCS(SA) Primary

AFOLAYAN PETER OLUSOLA

AHMED FAATIMA AKBARYAN FARZAD Wits ALMEIDA PETER RICHARD

ARMAS SELMA N.

BARBAKH MOHAMMED K. E. BARBAKH Wits

**BEUKES JANUS EDUARD BHAMJEE MOHAMED** BHANA MALINI **BLAIR NEILL ROBERT** 

**BOTCHWAY MAAME TEKYIWA** Wits

**BOTHA MIKHAIL ROBERT CHAUSSE JULIAN** 

CHILIZA KWAZI SBONELO BRIGHT

CRONJE ULRICH

DAOUB MOHAMED DAOUB UCT

DE KRAMER RALPH DELPORT NOELANI

ELSENBROEK CHRISTIAAN FREDERIK ERASMUS LOUISA JUANITA MARIA

**GOBINDLALL AVI GOVENDER NIELESHEN GOVENDER SOVISHNEE GOVENDER TARLIA RASA GOVENDER YASHLIN** 

GROENEWALD JOHANN, ABRAHAM,

CHRISTOFFFI

HLONGWANE MONTGOMERY VUKOSI

JACOBS PAUL ERASMUS JADA SIYABULELA HOPE JASSAT FARHANA

KAJAWO MOSES

UFS KHAMBULE LUCKY MOHLOLO KHUMALO ZAMANTUNGWA KRUGER HENDRIK JOHANNES

KURUVILLA JACOB LE ROUX STEPHAN

MAHER ASHFAAQ ABDULLAH UKZN MARAIS JACOBUS BERNARDUS FRANCOIS

MASAMHA TASIMBANASHE MASUNDA STANLEY

MATLALA MOKGOMA TUMELO MAVUSO NDUMISO BRIANCE

MBANDAZAYO VISILE MISRA KOYAL AAHISTHA MOKOENA THABO DONALD MOLOI LEBOHANG

MOTSEI MORAKABI JACOB

UP

WSU

MTIMKULU WANGA MULDER WIKUS WESSEL MULUMBA BADIASHI

MPHELA STANLEY

MUSAS JEAN CHRISTIAN MWANA MWENYI

MZAMO SOLOMZI NAIDOO NERUSHKA NDIBI NANDIPHA NDIKUDZE DAVID

NDLOVU NONTOKOZO JOYPEARL NDLOVU SOLOMZI VICTOR **NKETIAH EMMANUEL YAW** NKOMO SIPHIWOSETHU RUPERT Wits OSEI EMMANUEL DWOMOH PARKER MUZAFFAR UCT PATEL BHAVINKUMAR

PATEL MOHAMED QURAISH PATEL RAVIN RAOUL VINOD PATHER SAMESHAN POLDEN KEVIN EDWIN POTHAS CATHARINA

QAARIE MOHAMMED YAHYA M QAARIE RAMPERSHAD AVNEESH RAJENDHRA

**RAVAT ISMAIL MOHAMED** REDDY DHAVENDREN RENSBURG TRISTAN WILTON

**ROUX NIEL** 

SALIE MOHAMED ZUBEIR

SAMBILI NGAYIHEMBAKO DANIEL Wits SIBEKO TSHEPO LUCKY

SIBIYA SLINDOKUHLE

SIMELANE PETER BONGANI UKZN

SINGH JUHI PRIYAM SINGH KIMISHA SOOKRAM JAYVEER STEYN GERT

SWAI NOEL DOMING SWAI **UCT** 

SWARBRECK KATE THOMAS ANN **TOERIEN LARA** TOMA ARMAND

TSHISIKULE RIHANGWELE CHRISTOPHER VAN DER WESTHUIZEN DIAN PETRUS VAN DER WESTHUIZEN NICOLE

**BERNADETTE** 

VENTER PIETER JOHANNES WARD JOSHUA MICHAEL WESSELS JOSEPH DANIEL **WOLMARANS ANIKA** ZOUBI RAGAB R RAGAB **ZUNGU LESLIE** 

#### Primary of the Fellowship of the College of Urologists of South Africa FC Urol(SA) Primary

MANDIMA MANDIMA NZUKUMA XHADI SPHAMANDLA

Intermediate of the Fellowship of the **College of Maxillo-Facial and Oral Surgeons of South Africa** FCMFOS(SA) Intermediate

ABDOOLA IRSHAAD SMU

#### Intermediate of the Fellowship of the **College of Neurosurgeons** FC Neurosurg(SA) Intermediate

DE BRUYN MARTHA MAGDALENA UFS US HUMBA HENRY NASH SAMANTHA ANNE Wits NKABINDE WILFRED GOODWILL SEROTO MATODIANA PHINEAS SETATI STEVENS NTUBELE UP SKOSANA NONHLANHLA

#### Intermediate of the Fellowship of the **College of Ophthalmologists of South Africa**

FC Ophth(SA) Intermediate IB

**BAGUS THARIQ** 

GNANAPRAGASAM UTHAYACHANDHIRAN JAY NARAIN SERISHA

KENNEDY CLARE FRANCES LINDEQUE STEPHANUS JOHANNES MJWARA MZWANDILE MPHATHI

MUKAHIWA EMMANUEL **UFS** 

RAUTENBACH ENID ALWINA (WILNA)

RAWJEE KASHMIRA SUN MELODY WEI-LIN

#### Intermediate of the Fellowship of the **College of Orthopaedic Surgeons of South Africa**

FC Orth(SA) Intermediate

**BOTMA NICOLAAS BOYCE BONGANI** 

US **BRITZ ELSABE COLLINS DARREN** UFS

UP

DAWADI PRAVAL RAJ	
DE VILLIERS SHAUN	WSU
DILOTSOTLHE OSHUPILE WINSTON	
FANG KAO WEI NICO	
GQAMANA LOYISO	
JOUBERT JOSUA ADRIAAN	
KEETSE MMAKGABO MATTHEWS	UKZN
MAHLANGU VINCENT VUSI	WSU
MCHUNU JABULANI THABANI MENTI	EATH
JAYDEN CONLY	
MIA SAYED MOHAMMED	UKZN
MONARENG MOABI OFENTSE	
VALENTINE	UP
O'CONNOR MEGAN	UKZN
OOSTHUIZEN JAN JONATHAN	UFS
PHALA MASHUPSE PETRUS	SMU
PILLAY TRISTAN	
SWART IGNATIUS	UFS
TLHABANE SHADRACK MORAKE	Wits
TYUMRE NTSIKELELO	
WHITEHEAD ALEXIS SIAN	
XASO SIBULELE	Wits
ZULU SIPHO PETROS	UKZN

## Intermediate of the Fellowship of the College of Surgeons of South Africa FCS(SA) Intermediate

ADAM SHAUN EDWARD	
ALMAHROUG ABDULWHAB.M.ABULG	ASEM
ALMAHROUG	
AUGUSTYN JOHAN CHRISTIAAN	
AWALA ISMAEL	
BAWASA KESHARA	
BELEEL A.ALLAH A.ALKAREM	Wits
BOTES JACO HERBERT	US
BUDGE MELISSA	US
Carreira Jo-Anne	Wits
CHANGFOOT CHANEL	US
CHEUNG CYNTHIA TSZ YING	Wits
CHIBUYE KENWARD	UCT
CHIKUNYA EUGINE	
COETZEE WERNER CAREL	US
DAMAN HASHAM	
DITOTO-KGOMOMMU MOYAHABO BE	ULA
EKEH KELECHI NNAMDI	SMU
EL HOSNY AYMAN.A.A.	
ELDURSSI OMAR IBRAHIM HASSAN	UCT
FANNY MARVIN NOLAN	UP
GXOBOLE ASANDA ZANDILE	
UNODOLL MONINDA LAINDILL	UKZN
HOMWE JABULANI TAWANDA	UKZN
0,102022,10,112,12,12,112,12	UKZN
HOMWE JABULANI TAWANDA	0
HOMWE JABULANI TAWANDA HOOSAIN FATIMA	0
HOMWE JABULANI TAWANDA HOOSAIN FATIMA ISAACS SAMUEL JOSEPH	US
HOMWE JABULANI TAWANDA HOOSAIN FATIMA ISAACS SAMUEL JOSEPH JOHN JEFF THADATHILANKAL	US
HOMWE JABULANI TAWANDA HOOSAIN FATIMA ISAACS SAMUEL JOSEPH JOHN JEFF THADATHILANKAL KAHOTA GAETAN MUNGALU	US
HOMWE JABULANI TAWANDA HOOSAIN FATIMA ISAACS SAMUEL JOSEPH JOHN JEFF THADATHILANKAL KAHOTA GAETAN MUNGALU KIM JINYONG	US

LUTAKWA AUGUSTIN KASEREKA	UKZN
MAFORO SHEPARD	
MAILA SOLOMON AUBREY	SMU
MAKHAYE WINILE	UKZN
MASOLA SARAH MODIEGI	
MAZUI RAMOSHWEU MACKSON	SMU
MIA IMRAAN	US
MOABELO PHUTI DANIEL	
MOUTON DAWID JOHANNES JACOE	BUS
NAIDOO NISHLIN	Wits
NOEL COLIN BYRON	UCT
OLOTU BOLADELE	UKZN
ORSAR SOLOMON TERUMBUL	Wits
PADAYACHEE SUMESH	
PADAYACHEE WINSTON PAUL RENE	
PRATT TIFFANY LEIGH	UP
RADEBE SIMON SONYBOY	
RAMSAMMY MERASH	
ROBERTS NADIA	UFS
SINGH ASHVIR SIDARTA	
SINOAMADI VUSANI	
TARAN OLEKSANDR	
UGARE UGARE UDEY GABRIEL	Wits
UMAR MOHAMED TAAHIR	UKZN
UMOETOK FLORA	UKZN
VLOK ADRIAAN LOUW-WALDI	
WILSON STEPHEN PETER	
ZULU NOZIPHO GINA	

#### Intermediate of the Fellowship of the College of Urologists of South Africa FC Urol(SA) Intermediate

DUBE MTHOKOZISI	
MOROLO MANTSOELENGWE VIOLA	UP

#### **HIGHER DIPLOMAS**

Higher Diploma in Family Medicine of the College of Family Physicians of South Africa H Dip Fam Med(SA)

KADIMA LUABEYA KATALAYI FRANCKY Wits

#### **DIPLOMAS**

Diploma in Allergology of the College of Family Physicians of South Africa Dip Allerg(SA)

DE VILLIERS NADIA NAIDOO MESHANDREE

Diploma in Anaesthetics of the College of Anaesthetists of South Africa DA(SA)

ABLORT-MORGAN KIM LOUISE ADAM CLAIRE-LOUISE

AHLERS PETRI

ALLY MOHAMMED AMEEN

BARKA SULIMAN BEHARI DINELL BLIGNAUT ELSJE

**BOTHA CHENE** 

BURGER WILLEM HENDRIK WSU

**BUTHELEZI ANDILE** 

**BUTHELEZI THEMBELIHLE PRUDENCE** 

CINDI STHEMBISO
CLOETE ELIZE CLOETE
COETZEE NICHOLAS DANIEL

**COLLIER LAILA** 

DAUSAB GAUDENCIA FLORENCE

DLODLO NKOSILATHI DONKIN PAUL JAMES DONKOR YVONNE ENYO DU PREEZ LIEZEL

ELMEZOUGHI EMADEDDIN OMAR

BELEID UKZN

FOUCHE CORNELIS JACOBUS GAMBU MOSES MLEKELELI GELDENHUYS MARI HAASBROEK MARLIS

HAN KHIN SU-LE HOFMANN SONJA

KANJANA ZONDO NOKUZOLA PRECIOUS

KAZENI MULAI LUMAMBA

KEMP RHONA

KOLLER ESAIAS CRONJE CHRISTIAN

KONSO TANZEY FREDDY LAKE CARYN MARGARET

LE ROUX ELSA

LEARMONTH CLAIR ROBIN LEWIS KATHERINE JESSICA

LUDADA GREGORY LUDADA

MAKUYANA GONDAI

MALLICK ISHRAT SARMIN

MAPODILE CONSTANCE MASEOKE

**DITEBOGO** 

MARAIS GERT JOHANNES KRUGER

MARAIS WILLEM

MEKOA LUCRETIA PORTIA

MGOQO NONDWE

MOGOROSI JEROME BOBBY

MOLOANTOA PULANE ADELICE
MONARENG ZANELE GRACIUOS SMU

MONARENG ZANELE GRACIUOS
MULOWAYI BRUCE KAZADI
MUNSIE ROBERT DAVID

MWAMBA TSHILUMBU ALAIN MYBURGH JEANNE-MARIE

NARHYO GLORIA YAA NCHABELENG JOHN SIPHO NEZAM PARAST MASOUD

NGOBENI RHULANI SOPHIE

SMU

NHLAPO KHAYA SANDILE

NKOSI BANDILE SAKHILE QUINTIN NYEZI FUNEKA UNATHI NCUMISA O'NEILL MATTHEW PETER

OPPERMAN PHILIPPUS ALBERTUS

PETERSEN ASHRAF SHAMS RYAN

SHIGWEDHA FREDRIKA NEMBALE

SMIT MARETHA ISABEL

STUART-CLARK HANNAH ELIZABETH TABANE TEBOGO MOKOTONG-MOSEKAMA

TUATI IBRAHIM TUATI

VAN HEYNINGEN CHARL FRANCOIS

CORNELIS

VAN SCHALKWYK THARINA MICHELLE

VAWDA FATHIMA VENTER TRACEY JADE VERMOOTEN PETRO WESSELS ERICA SHARON

Diploma in Child Health of the College of **Paediatricians of South Africa** DCH(SA)

**BARDAY MISH-AL** BRINK CHRISTIF

CAR KATHLEEN PATRICIA

DAMON MARCIA MAXINE

DAWSON ROZANNE

DU TOIT MARI

FRANCKLING-SMITH ZOE TARYN

**GALLANT TASNEEM** GERBER MADELENE GORDON NICOLE SHEREEN **GREYVENSTEIN ELANI** HARVEY MEGAN KATE ISAACS QUENTIN MARVIN JACOBS BIANCA CLAIRE

SMU KGAABI THOREN MACHUENE

KUMIN KYLE BRADLEY

LANGA FORTUNATE NONHLANHLA

MAPHAKE JABU MARRAIS

MATHIBE DANIEL MOTUSI SMU

MAUREE ANGIDI PILLAY MBATHA LORRAIN RACHAEL

MWALA NALISHEBO NAIDOO KERUSHA

NTSHANGASE SESIPHIWE SANDA

**NOMFUNDO** 

ODENDAAL CHRISTINA JACOBA

**REDDY THANUSHA** SALIE MOEGAMAD SAREMBOCK LAUREN LEE TENNASSIE ABIGAIL VAN DER MERWE CARINE VAN HEERDEN PAULI VIOLA ODETTE SIMONE WILLIAMS JUDY ANN

Diploma in Forensic Medicine of the College of Forensic Pathologists of

South Africa - Clin Dip For Med(SA) Clin

FERREIRA YOLANDI

Diploma in Forensic Medicine of the **College of Forensic Pathologists of** South Africa - Clin/Path Dip For Med(SA) Clin/Path

OGLE ALOYSIA SHANESSA

Dip For Med(SA) Path

Diploma in Forensic Medicine of the College of Forensic Pathologists of South Africa - Path

WILSCOTT-DAVIDS CANDICE

**Diploma in Geriatric Medicine of the College of Physicians of South Africa** DGM(SA)

GINSBERG CLAUDETTE RUTH

Diploma in HIV Management of the **College of Family Physicians of South Africa** Dip HIV Man(SA)

ABDOOLA FAHEEMA

ADDINGTON JAMES ANTHONY

ADEDOLAPO AKEEM **BALOYI RHULANI REJOICE** BERNDORFLER BIANCA

BIYELA SINOKWETHEMBA MATAPELO

THARITA

**BOAKYE DARLENE AKUA BOGAARDS MARLI BOOI PHATHUTSHEDZO** 

BOSCH ANÉL **BRINK HEILA-MARI BRUCE ROBYN HELEN** CHERNICK LIOR CHRISTIE MICHAEL **CONRADIE MARTIE CROSS ANNA** 

DANIELS LLOYD DAMIAN DASRATH MANISH **DELPORT ELIZ-MARI DLAMUKA SIBONISO** DU TOIT JACQUES DANIEL **DUNN LOUISA JANE EDWIN ROBERTA** 

UCT ENGELBRECHT ALIDA MARIA

**ERASMUS EMILIE** 

FATURIYELE SELAT YETUNDE OLOLADE

FERREIRA BJORN FERREIRA SARAH PEACE **FYNES-CLINTON SARAH DAWN** 

GAGIANO CARINE

**GAMMON JESSICA STEVENS** 

**GOLDSTEIN ROWAN CLIVE GOQWANA LINDOKUHLE GREEN WESLEY SHANE** 

GUIDOZZI NADIA MARIA

**GUMEDE NOMZAMO NOMPUMELELO** 

HARGEY NAIMA BEGUM HAVENGA DUNCAN MICHAEL

HES TAMSIN FAITH HOSKING BRETT R JACOBS KELLY AMY

UKZN JEEHA RAJEEV

JIRI SAMANTHA TSITSI JOHNSON EMMA DOROTHY KAMANGU JACQUES WA NSENDA

KASWA RAMPRAKASH WSU

**KEENE CLAIRE** 

KHUMALO SLINDILE PRECIOUS

KIM YE JIN

HS

KISTAN JESNE BARRY

KOHLER CHARLES FREDERICK KYAZZE DENISE SANDRA DAPHINE LEDWABA STEPHINA MMATI BOITUMELO

LUPINDO ASANDA

MACAULEY JONATHAN FREDERICK

**OLATUNJI** 

MAJA PUSELETSO ANTOINETTE MAKINTA SELLO JOHANNES MASENYA TIMOTHY BOITUMELO MASHEGO KELETSO PRETCHELL MASHOENE MPHO DORCAS MATABOGE KAGISO PAULINE MATANDABUZO ZIYANDA DOREEN

**GCINIWE** 

MDUBEKI SINENHLANHLA THANDEKA

MBANJWA NONHLAKANIPHO MASIBONGE

MENTORO PALESA MEYER GARETH

MEYER ZESCA CHAMONE MJIKWA JOBELA NOMNIKELO MKANDAWIRE MERCY JULIETTE

MLUNGISI NOLUVUYO MNGADI HOPEWELL SIYAPHILA

MOHLABANE NTAOLENG ALINA MOKUMO DANIEL SEAKGA MOKWATLO KAISHA MARY MOLAPO HLASOA MOSA MONDLEKI ENKOSI MOODLEY KIRUSHIN

MOOLLA YUSUF

MORARE NOLITHA TISETSO MAKAPI

MOSESE THABANG MULLER LUIZE

MURAMIRA M.NOBERT

Wits

MUZENDA PRITI

MWAMUKA RUKUDZO NAICKER KISHENDREE NASH TAMSYN LEE

NAUDE LANA

NDADANE PRINCESS MAKHOSAZANA

**OOSTHUIZEN ANNA ROSE** 

OOSTHUIZEN KATRYN NELL COBIE

PALI PINDIWE PANCHIA RAVINDRE PARAK AMIRAH PUNCHOO RIVAKRAJ

RAMAROPE KHOLOFELO MILLICENT

RANOTO JESSICA LUCY REDDY DENASHA LAVANYA REICHEL HOLGER CARSTEN

**REINERS ANLI** 

REITZ OLIVIA ELIZABETH ROBERTS ERIN MELODY **ROLLESTON LAUREN JOY** ROSSOUW HELGARD MULLER

RUPERT SUZANNE SAIMEN AMASHNEE SCHUTTE JASON SCOTCHER PHILIPPA SEKHEJANE JULIA PHINDILE SERRANO OCANA GILBERTO SETLALENTOA LERATO MMATSIE

UKZN SINGH AKIRA

STEVENS MICHAEL AARON

STEWART MICHAEL

SUNNYRAJ MICKY Wits

THOMAS BESSY PAYAPPILLY

TITI ONWABE **TURNER JULIA** WAHL MARTIE SUSAN WILDING BRADLEY THOMAS WILLS NICOLA KIMBERLEY XHAKAZA NDUMISO **ZULU NHLANHLA DENNIS** ZULU NOMFUNDO CANDICE ANDISWA

ZWANE COLLEN NOLUTHANDO

Diploma in Internal Medicine of the **College of Physicians of South Africa** Dip Int Med(SA)

ALAM MOHAMMAD SAMIUL FORTUIN LAUREN

Diploma in Mental Health of the College of Psychiatrists of South Africa DMH(SA)

ADAMS ILHAAM

AKPABIO IDORENYIN UBON **BOOYSEN GILLIAN BOOYSEN SIOBHAN** 

**BURGER JAMES WILLOUGHBY** 

**COETZEE DANELL** 

**DALVIE NOOREEN** 

DE JAGER JC PELSER

**EDET ANIEKAN** 

**ENGELBRECHT SURET** 

**GROENEWALD ROELIEN ELAINE** 

**GUMEDE NOSIHLE LUNGELO** HENDRICKS LAUREN

**IQBAL FAREEHA** 

ISLAM MD ASHRAFUL

MORAR TEJIL

MOSTERT JACOBUS NAICKER DENNILEE

PELSER MONYA BIANCA

UFS PHAKOANA MOHLOMI GREGORY

SCHOON MANDY

SMITH EVERHARDUS JOHANNES

**TONJENI THUMEKA** ZONDO MDADA MARK

Diploma in Obstetrics of the College of **Obstetricians and Gynaecologists of South Africa** Dip Obst(SA)

**BIKANI NKOSINATHI** 

CHIKWANHA DARLINGTONE

DANGAZELE LINDA **ELIJAH REGIS** 

**ENRIGHT MARIA PETRONELLA** 

**GOVENDER INDIRA GOVENDER VAEOCHAN** JENNEKER MARWAH KAMMIES JO-ANN DESIREE

KING ERIN CASSIDY KITONDO WATUSILA MADULA MPHATHELENI PETRUS

MAGAGA LUNGA MPUMELELO MAKHUVELE NDZALAMA FREEDOM

MASEKO NCAMSILE FANSILE MASINA THEMBELIHLE PRINCESS

MATABATA THEMBANI

MGUGA AVUYILE

MNGQIBISA THANDOKUHLE SIPHUKWAZI

MOHLAHLO GERALD MULONDO TAKALANI

MUNDELL JOANNA CLAIRE NOMATHEMBA

NKONZO YONELA **NOGELA VUYO** 

PHOCHANA MAHLATSE PHILLIPINE

PIETERSEN NADIA

PRETORIUS ANDREA HELENA QOLOHLE MZWAMADODA DAVID RULUMENI NOMAKOLWA JACQUELINE

SAMUEL QUINN EUGENE SAVAGE-REID MICHAEL JOHN TSHIMANGA MBIKAYI

WHISTANCE DOUGLAS BRIAN

Diploma in Ophthalmology of the College of Ophthalmologists of South Africa Dip Ophth(SA)

**BOTES DAVID HERMANUS** 

**CHURCH BRIAN** 

DE VASCONCELOS SANDRA

LE ROUX ALTHEA LINDE LEANDRI MATHEW DONY

THERON YOLANDE MARYNA VAN DER MERWE LAURIE WIID

**Diploma in Primary Emergency Care of** the College of Emergency Medicine of **South Africa** Dip PEC(SA)

ABDULSALAM ABDULRAUF Wits

ALEXANDER LAINE ARDAE JOHN

ANOPUECHI-CLARKSON VIVIAN AKUOMA

ANOPUECHI-CLARKSON **BAINES KATHERINE ANN** 

**BEGG SARFRAZ BLAIR BRENDAN SEAN BURGER HANNEKE** BYERS ANGUS ALBERT CALITZ ELRIKA

CALLAWAY SHANNON DEE

CASSIEM BILQEES CHAPMAN LARRY RYAN CHARALAMBOUS GREGORY **CHEGWIDDEN CINDY COPPIN SHAUN MARK** 

CRAWFORD RICHARD ALLAN CREW NADEEN YOU ANDE

**CRONJE LANA CURRY BRETT DAVID** 

DA COSTA MIGUEL JOSE RIBEIRO

DAVIES MEGAN GRACE DAWOOD SHAKIRA

DE JAGER WIHAN HENDRIK

DE RIDDER MARISE

UP

DE VILLIERS RIAAN

DIPPENAAR LORI

D'OFFAY BERNADETTE

DU PLESSIS JACQUES

DU PREEZ PHILLIPUS ANDREAS

**DUNN CORNELLE EDWARDS ADNEEM** FERREIRA ANNEKE FERREIRINHA DAVID PAUL **GAUTON SEAN JAMES** 

GII PIN CHARI ENE SEUGNET

GONYORA SIMBARASHE WONDER ALLEN

**GRAY MEGHANN** 

**GROENEWALD CHRISTELLE DIANE** 

HEDDING KIRSTY ANNE HENDRICKS MALIKAH HENDRICKS KRISTIN LYNN HERMANS SARAH ELISABETH

HOBBS NATALIE KEEGAN MICHAEL KHATIEB BILQEES **KOLLER MAXINE** KOTZÉ SONIA KRUIS ARINA

KUBEKA VUYISWA BOITUMELO LINDEGGER CATHERINE MARY LOURENS MARTINETTE MAFULU MATANDE

MAZIENA JUSTIN ARJUNAN MOCKE CORNELIUS JOHANNES MORREIRA LAUREN HELEN

MPIANA MUKOLO MQAMBELI ZIKHO

MURPHY SHANE DARREN NAGESAR KASRIVIA NAIDOO NATASHA

NAIDOO RELISHA KRISHKA

**NEETHLING COLETTE** 

ORTEL RANDALL SHANE

**OSMAN RIDWAAN** 

PIERPOINT SCOTT ANDREW

PRETORIUS MARTHA CATHERINA ELOFF

PRETORIUS WARREN THOMAS RAMAGAGA ZAMANGWE LONDIWE

RHEEDERS NADI

SADHWANI SANJAY PREMCHAND

SALVESEN AMY CATHERINE

SANDI FR PAUL

SCHOEMAN ELMARI

SCHUTZ LUKE

SCHWARTZ KERIN

SOBEY NATASHA

SPIES SIMONE DEBORA

STEYN NICOLENE

VAN DIJK INGE

US

VAN EEDEN VONLI

VLOK NEVILLE

WEGNER BRETT

WEISS STEPHANIE

**WILKINS ANDREW** 

#### SOUTH AFRICAN SIMS FELLOWSHIP SUB-SAHARAN AFRICA

Nominations are invited from Presidents of eligible Colleges for the above fellowship. The objective of the Fellowship is to establish and maintain educational development programmes in sub-Saharan Africa.

The disciplines of medicine eligible for the South African Sims Fellowship are the same as those eligible for the Sir Arthur Sims Commonwealth Professorship, ie Anaesthesia; Cardio-thoracic Surgery; Medicine; Neurology; Neurosurgery; Ophthalmology; Orthopaedics; Otorhinolaryngology; Paediatrics; Plastic Surgery; Surgery (General) and Urology.

The nomination must be submitted with the CV of the nominee, a motivation from the President of the College (as above) and an outline of the proposed visit.

Further information regarding the fellowship can also be obtained from: **Mrs Evelyn Chetty** 

Tel +27 31 261 8213 Tel +27 31 261 8518

E-mail: evelyn.chetty@cmsa.co.za

#### CMSA Minutes 2016

# The Sixty-First Annual General Meeting of The Colleges of Medicine of South Africa (CMSA) Held at II:00 on Friday, 28 October 2016 in The Smith and Nephew Lecture Room, 17 Milner Road, Rondebosch

#### PRESENT:

Prof M M Sathekge (President) in the Chair Prof J J Fagan (Senior Vice President) Dr F Senkubuge (Junior Vice President)

Prof B G Lindeque (IPP)

Prof G Kariem (Chairperson: FGPC)
Prof J Vellema (Chairperson: ECC)
Dr S M Aiyer (Chairperson: EC)
Prof R N Dunn (Honorary Treasurer)
Prof G A Ogunbanjo (Honorary Registrar: ECC)
Prof J S Bagratee (Honorary Registrar: EC)

Prof J G Brink Prof B Cassim
Prof R Dickerson Prof B J S Diedericks
Dr H I Geduld Dr P D Gopalan
Prof D Govender Prof A M P Harris

Prof D Hellenberg Prof A B R Janse van Rensburg

Dr C M Kgokolo Dr W G Kleintjes Prof S Kling Prof M Z Koto Prof L London Prof D S Magazi Prof J N Mahlangu Dr F Mahomed Dr L Maki Prof A J W Millar Prof M H Motswaledi Mr M Munasur Prof E Ndobe Dr J R N Ouma Prof F Osuch Prof T Parbhoo Prof R D Pitcher Prof H Saloojee Prof S Seedat Prof P L Semple Prof A S Shaik Dr A Sherriff Prof Z Van der Spuy Prof L M Sykes

Prof L M Sykes Prof Z Van der Spi Prof M G Veller Dr L Visser Prof M Vorster Prof A Walubo Prof J M Warwick Prof S W Wentzel

#### **CEO/COMPANY SECRETARY:**

Mrs L Trollip

#### **IN ATTENDANCE:**

Mrs A L Vorster (Academic Registrar)
Mr G Nel (Finance Manager)
Mrs S S Jagger-Smith (Minute Secretary)

#### WELCOME

The Chairman thanked everyone for attending the 61st Annual General Meeting.

#### **REGISTRATION OF PROXIES**

The CEO duly registered 34 proxies. A quorum was present.

## MINUTES OF THE SIXTIETH ANNUAL GENERAL MEETING HELD ON 23 OCTOBER 2015

The minutes were adopted and signed.

## MATTERS ARISING FROM THE MINUTES OF THE LAST ANNUAL GENERAL MEETING

The matters were included in the agenda.

## ANNUAL REPORT OF THE CEO ON BEHALF OF SENATE FOR THE PERIOD JUNE 2015 TO MAY 2016

The CEO stated that the Annual Report of Senate appeared on pages 22 to 28 of Transactions, and reflected the activities of the last financial year. The reports of the various constituent Colleges appeared on pages 29 to 43.

The CEO explained that there had been problems with the printing of the latest edition of Transactions, but that it would be sent out electronically as soon as it was ready.

#### **AGREED**

The annual report was adopted.

#### **RESIGNATION/APPOINTMENT OF DIRECTORS**

Mrs Margie Pollock was retiring as Financial Director at the end of December 2016. Mr Gerrit Nel would be appointed as Financial Director in her place.

## FINANCIAL REPORT OF THE HONORARY TREASURER: PROF R N DUNN

Audited financial statements were attached.

Prof Dunn reported that the CMSA was running at an operational loss, and that running costs were subsidised by investment income. The CMSA would be looking to reduce expenses.

THE ANNUAL FINANCIAL STATEMENTS WERE APPROVED.

The Honorary Treasurer's report was adopted.

#### REPORT OF THE PRESIDENT: PROF M M SATHEKGE

Prof Sathekge indicated that his report was on page 4 of Transactions.

#### ACCLAMATION:

Prof Sathekge thanked the IPP, Prof Gerhard Lindeque for the work he did during his presidency.

#### AGREED:

The President's report was adopted.

#### REPORT OF CHAIRPERSON, **EXAMINATIONS** AND CREDENTIALS COMMITTEE (ECC): PROF J VELLEMA

Prof Vellema reported that the CMSA were dealing with far more litigious candidates, some of whom had discovered that they could complain to the office of the Public Protector for free. The CMSA had been called to the office of the Public Protector twice thus far, and had sent a report to the HPCSA.

The ECC were developing and finalising a number of policies and structures for redress on the part of the candidates.

Senate had agreed that blueprinting would be implemented at all constituent Colleges by January 2017.

The ECC were looking at standardising orals, and adopting MCQ's and single best answers for a significant portion of the examinations. Legal advice was that the recording of orals was entirely legal.

Roadshows to universities had been conducted in the Free State (6 June 2016) and Gauteng (13 September 2016), which strengthened alliances and enabled more engagement with registrars. Registrars supported the recording of examinations. Registrars wanted better transparency in examinations and access to their scripts.

Prof Sathekge announced that the recording of oral examinations and the carryover of the written components of examinations would be implemented across all constituent Colleges. Dr Maki congratulated the CMSA for making these decisions.

#### AGREED:

The ECC's report was adopted.

#### REPORT OF CHAIRPERSON, EDUCATION COMMITTEE (EC): DR S M AIYER

Dr Aiyer stated that the transfer of the Durban property had taken place on 31 August 2016, and the office moved on 1 September 2016. Renovations were completed.

The EC were making sure that the regulations were up to date, and managing the CMSA's CPD programme.

#### AGREED:

The EC's report was adopted.

#### REPORT OF THE CHAIRPERSON, FINANCE AND GENERAL PURPOSES COMMITTEE (FGPC): PROF G KARIEM

Prof Kariem reported that VAT had been implemented from 1 June 2016, and that no retrospective VAT was owed.

Mr Nel and Mrs Van der Berg were added as signatories for payments of R25 000 and below. For payments above R25 000, a third signature from the list of authorised signatories was required.

The Finance Policy had been finalised and ratified.

#### AGREED:

The FGPC's report was adopted.

#### REPORT OF THE CHAIRPERSON. SOCIAL AND ETHICS **COMMITTEE (SEC): PROF B CASSIM**

Prof Cassim stated that the CMSA was compliant with social and ethics issues. The SEC had requested than an anti-corruption policy be implemented.

#### AGREED:

The SEC's report was adopted.

#### REPORT OF EDITOR OF TRANSACTIONS: PROF G A OGUNBANJO

Prof Ogunbanjo reported that Transactions had been published electronically for the previous two years. Approximately 1 000 copies were printed for those who preferred a hard copy.

The CMSA were having issues with the quality of work of the publisher, and were looking for a new publisher. The Editor would report to the FGPC and Senate on the way forward.

There were challenges in getting lectures in Word format for inclusion in Transactions, as they were usually in PowerPoint presentation format.

#### AGREED:

The Editor's report was adopted.

#### ANNUAL APPOINTMENT OF AUDITORS

#### AGREED:

The re-appointment of C2M as the auditors.

#### CORRESPONDENCE

None.

The business of the meeting concluded at 11:40.

#### Rondehosch

24 November 2016 LT/sjs

#### R W S CHEETHAM AWARD IN PSYCHIATRY

The award is offered annually (in respect of a calendar year) by the Senate of The Colleges of Medicine of South Africa for a published essay of sufficient merit on trans - or cross - cultural psychiatry, which may include a research or review article.

All family physicians registered and practising in South Africa qualify for the award which consists of a medal and certificate.

The closing date is 15 January 2017

The guidelines pertaining to the award can be requested from:

Mrs Evelyn Chetty Tel +27 31 261 8213 Tel +27 31 261 8518

E-mail: evelyn.chetty@cmsa.co.za

## Durban CMSA honours two Medical Legends by naming the Hall after Professor YK Seedat and the Board Room after Dr Clive Daniel



#### THE YK SEEDAT HALL

#### **Prof YK Seedat**

MD (NU Irel), PhD (Med Sci) (hc) (UDW), MD (hc) (Univ Free State), FRSSAf, Hon FCM (SA), FRCP (London), FRCP (Irel), FACP, FCP(SA), FACC, FCCP, FCPS (PAK), FICA, Fellow of the University of KwaZulu Natal

#### **Appointments:**

- Passed the Fellowship examination in April and was elected to the Council in 1978 until 2002 at every four year period by election
- I was on the executive of the council from 1992 until 2002 and was examiner in basic science initially and thence in the clinical part of the FCP(SA) Examination almost continuously until 2002
- I was convenor of the FCP(SA) Examination in October 1998 and was chairman of the Faculty of Physicians from 1992-1995
- I was convenor of a symposium of CMSA on 'Medicine and Health in Developing Southern Africa' in Durban in July 1984
- Trustee of the CMSA Foundation from 1992 until it was dissolved in 2015

#### Grants:

- A donation of a house in Glastonbury Place, Umbilo Durban was made.
- This was named the Y.K. SEEDAT Home. This building was used as the CMSA administration office from 1995 to 2016
- A research scholarship on hypertension/ renal diseases is administered by CMSA

#### Awards:

- Honorary Fellowship of CMSA 1998
- Golden Jubilee Award October 2005

#### **Contact with Sister Colleges:**

- Representative of the CMSA at a special meeting of presidents/ and or representatives at a special meeting of Royal Colleges and Officers of American College of Physicians in New Orleans April 1987
- Received Fellowship of American College of Physicians
- External examiner in post-graduate medicine College of Physicians and Surgeons of Pakistan April 2002
- · Received Fellowship of College in Pakistan



## THE CLIVE DANIEL BOARD ROOM

#### **Dr Clive Daniel**

Early in my professional career as an Anaesthesiologist I became involved in Medical Education. My initial involvement was with Undergraduate Education later expanding to include Postgraduate Education and finally Continuing

Medical Education. The introduction of the Human Patient Simulator added an entirely new and exciting dimension to my teaching methods allowing students and medical professionals the opportunity to experience medical emergencies in a clinically realistic but controlled environment without endangering patients.

#### **Qualifications:**

- . MB ChB University of Cape Town
- · MMed (Anaes) University of Stellenbosch
- Diploma in Anaesthetics of the College of Anaesthetists of South Africa
- · Fellowship of the College of Anaesthetists of South Africa

#### **Previous Positions held:**

- Senior Lecturer University of Stellenbosch
- Senior Lecturer/Deputy HOD University of KwaZulu-Natal (UKZN)
- . Member of the Senate of the Colleges of Medicine of South Africa
- · Secretary of The College of Anaesthetists of South Africa (CASA)
- CASA representative to the Conference of International Examining Boards of Anaesthesia (CIREBA)
- Honorary Registrar Education committee (CMSA)
- Member of the Editorial Board and Section Editor for SAJAA

#### Present Involvement:

- Lecturer Discipline of Anaesthesiology and Critical Care UKZN (Sessional Appointment)
- Member of the Education Committee and CPD Subcommittee (CMSA)

#### **Special Interests:**

- Anaesthetic Education and Training
- Human Patient Simulation
- Continuing Medical Education
- Neuro-Anaesthesia
- Anaesthesia for Plastic and Reconstructive Surgery Cleft Lip and Palate Surgery

#### THE YK SEEDAT HALL

It is with sincere gratitude and heartfelt appreciation that The Colleges of Medicine of South Africa hereby honours Professor YK Seedat in accepting permission to honour his name at the Durban CMSA Office.

Over the many years, past and present Prof YK Seedat has been an exemplary inspiration to young and old at the CMSA.

Prof YK Seedat has constantly reminded us that knowledge is power and has always stood for what is right and has never been ashamed to stand alone.

What a great example of high esteem Prof YK Seedat has been to each and every one of us.

For his selfless act of kindness by way of donation to The Colleges of Medicine of South Africa in order to establish a footprint in Durban, to this we are eternally grateful and he will be forever remembered.

Thankyou and Long live Professor YK Seedat.



#### THE CLIVE DANIEL BOARD ROOM

It is with sincere gratitude and heartfelt appreciation that The Colleges of Medicine of South Africa hereby honours Dr Clive Daniel in accepting permission to honour his name at the Durban CMSA Office.

Over the many years, past and present Dr Clive Daniel has been an exemplary inspiration to young and old at the CMSA.

Dr Clive Daniel has willingly devoted his time to the Durban CMSA Office with regard to continious professional development and has unconditionally shared his unending knowledge with all of us for professional development in this country.

Dr Daniel, is a great example of high esteem to each and every one of us and for this we will are eternally grateful and he will be forever remembered.

Thank-you and Long Live Dr Clive Daniel.



## Report Back Eponymous January – June 2017

#### MTHATHA EDUCATIONAL DEVELOPMENT PROGRAMME 2017

#### **UPDATE ON NEONATOLOGY AND PAEDIATRICS**

Date: Wednesday 29 March 2017 to Friday 31 March 2017

Speakers: Dr G Kali Dr J Morrison

Venue: Mthatha Health Resource Centre Auditorium

#### **ORTHOPAEDICS AND TRAUMATOLOGY**

Date: Thursday 11 May 2017 to Saturday 13 May 2017

Speakers: Speakers to follow

Venue: Mthatha Health Resource Centre Auditorium

#### **AWARDS 2017**

#### **MAURICE WEINBREN AWARD IN RADIOLOGY 2017**

Submissions received are as follows:

Dr S Manikkam Dr C Murthy Dr P Ihuhu

#### **RWS CHEETAM AWARD IN PSYCHIATRY 2017**

Submissions received are as follows:

Dr A Berg Prof B Chiliza

The recipient of the award was Prof B Chiliza

#### **SCHOLARSHIPS 2017**

#### MS BELL SCHOLARSHIP IN PSYCHIATRY

Will take place in September 2017 at the National Biological Psychiatry Congress.

(The recipient will be selected at the Congress)

#### **LECTURESHIPS 2017**

#### JOHN AND MADELINE LOWNIE LECTURESHIP 2016

Dr Jeff Kourie presented his lecture entitled "The Wits Craniofacial Unit - 6years on" on 22 February 2017 at the CMSA Johannesburg Office.

#### **JN AND WLS JACOBSON LECTURE 2016**

Dr Dibuseng Ramaema presented her lecture entitled "Breast tuberculosis KwaZulu-Natal experience" on 03 March 2017 at the Dr George Mukhari Academic Hospital.

#### FP FOUCHÉ LECTURESHIP 2017

No speaker and date has been confirmed as yet.

#### JC COETZEE LECTURESHIP 2017

The JC Coetzee Lectureship will take place at the Joint 5th WONCA Africa & 20th National Family Practitioners Conferences on 18 - 20 August 2017.

No speaker has been confirmed as yet.

#### **KM SEEDAT LECTURSHIP 2017**

The KM Seedat Lectureship will take place at the Joint 5th WONCA Africa & 20th National Family Practitioners Conferences on 18 - 20 August 2017.

No speaker has been confirmed as yet.

## EDUCATIONAL ROBERT MC DONALD RURAL PAEDIATRIC PROGRAMME 2017

No applications were received.

#### **REGULATIONS FEEDBACK**

The importance of updated and current Blue prints from every College is essential for candidates and the functioning of each College.

On-going updating of syllabi, bibliography and referencing is undertaken by the Education Office as well as it has been requested that an urgent follow up on outdated and outstanding Blue Prints from College Presidents is required.

If major changes have been requested these are forwarded to the Academic Registrar. They are then discussed at the Examinations and Credentials Committee and ratified at Senate.

#### **CONTINIOUS PROFESSIONAL DEVELOPMENT FEEDBACK**

The CMSA has been awarded Service Provider Status by the HPCSA as of 2016 to accredit CPD applications for all Constituent Colleges of the CMSA.

#### CRITERIA FOR CMSA ENDORSEMENT OF CPD ACTIVITIES

ACCREDITATION OF CONTINUING PROFESSIONAL DEVELOPMENT (CPD) ACTIVITIES RUN UNDER THE AUSPICES OF THE COLLEGES OF MEDICINE OF SOUTH AFRICA (CMSA) AND ITS CONSTITUENT COLLEGES

#### INTRODUCTION

The CMSA through its CPD Subcommittee of the Education Committee is an official National Continuing Professional Development Accreditor authorised by the Health Professions Council of South Africa (HPCSA) and forms part of the National Accreditors Forum (NAF). The CMSA charges accreditation fees in keeping with the rates determined from time to time by the HPCSA CPD Committee and in line with other members of NAF.

The CMSA provides free CPD accreditation to all its members in good standing for individual applications such as the attendance of overseas congresses or authorships of publications. This is a financially rewarding benefit of continued CMSA membership.

In addition all CMSA related CPD activities including examiners' workshops are process free of charge.

A proposal for the extension of free accreditation to all CPD activities run under the auspices of the CMSA or any of its Constituent Colleges with the aim of extending the influence and image of the CMSA in the arena of CPD was ratified by the CMSA Senate in October 2014 and this free service is now available to Constituent Colleges. However strict criteria have to be met to ensure that all such CPD activities endorsed by the CMSA meet standards that will enhance and not tarnish the CMSA's overall image.

#### **CRITERIA:**

- 1. The CPD activity and its content will have to meet the approval of the relevant College council and considered to be of a standard that will enhance the image of that College.
- 2. The organizer of the CPD activity should ideally be a member of the CMSA in good standing.
- 3. The constituent College must take full responsibility for the completion of the CPD Accreditation application. Any CMSA membership discount to be noted under "Registration Fee involved for participants" on the CPD 2A Form.
- 4. The CPD activities should primarily be run under the banner of the constituent College of the CMSA. Due restraint should be exercised by the respective college ensuring that engagement in partnerships with organizations and entities in CPD activities remain appropriate and in keeping with the standing of the CMSA.
- 5. The constituent Colleges of the CMSA should not associate themselves with CPD activities of commercial entities related to product launches or product specific CPD activities.
- 6. Sponsorships of these CPD activities are permissible provided that the principles as set out below are closely adhered to:
  - a) The names of the sponsors should not be included in the title of the CPD activity.
  - b) The sponsor may be acknowledged as a sponsor on the advert/notification and on the programme for the CPD activity but no advertising of the commercial entities products should appear on either of these documents.
  - c) The mailing of adverts/notifications of the CPD activities may however be accompanied by product literature separated from and not incorporated in the notification / advert of the CPD activity.
  - d) No product promotion is allowed within the CPD meeting room but company-branded items and promotional material may be displayed in a separate area that should not be accessible to the general public if the products are not allowed to be advertised to the public.
  - e) In addition to the above, the sponsored activities should strictly adhere to the code pertaining to marketing and promotions to healthcare professionals as set out by the Marketing Code Authority.
- 7. The determination of the Risk and Profit split remains within

- the discretion of each individual college in consultation with the organisers of the activity. The overall principle that Risk Share follows Profit Share must apply.
- 8. However the main thrust of running CPD activities under the auspices of the CMSA and its constituent colleges remains most importantly the provision of benefits for ongoing membership of the CMSA, the enhancement of the overall image of constituent college and the CMSA and not the generation of additional income. A benefit in the form of a meaningful discount for the CPD activity registration fee for CMSA members in good standing should take preference over profit sharing and remain the chief consideration.
- 9. On completion of the activity the organisers of the CPD activity must provide the College with a final assessment by the participants with the minimum of the following points to be covered:
  - a) Content
  - b) Presentation
  - c) Organisation / Administration
  - d) Venue
  - e) Overall value

#### **CHECK-LIST FOR ALL CPD ACCREDITATIONS**

NO.	DOCUMENTS REQUIRED					
1	Fully completed 2A CPD Application Form					
2	Copy of detailed programme with start and end times, tea and lunch breaks					
3	Presenters CV					
4	Summary of dedicated ethics talk - CV of speaker should include ethics proficiency					
5	Advertisement / invite (must feature name of accreditor)					
6	Journal Clubs – Accreditation subject to retrospective provision of attendance registers & journals. Presenter roster & topics (if allocated) should be sent prospectively with the application					
7	CPD Certificate, upon completion of the activity reflecting: a) The Accreditor b) Accreditation number c) Level of CEU d) Number of CEU's e) Number of Ethics CEU's					
8	CPD 7 form on the HPCSA webite must completed by the attendees					

#### ROBERT McDONALD RURAL PAEDIATRICS PROGRAMME

The late Professor Robert McDonald founded the above programme in 1974 for "The propagation of Paediatrics in the more remote and underprivileged parts of the Republic of South Africa, by an occasional lecture or visit by someone in the field of the Care of Children".

Requests for funding are invited from teams of medical practitioners and senior nursing staff to travel to remote centres and areas to promote Paediatrics and child health and the better care of children and to disseminate knowledge in that field, especially in underprivileged communities.

This can also include visits by medical practitioners or nurses working in remote areas, to larger centres or centres of excellence.

Closing dates for applications are 15 July and 15 January of each year.

The guidelines pertaining to the programme can be requested from:

Mrs Evelyn Chetty Tel +27 31 261 8213

Tel +27 31 261 8518

E-mail: evelyn.chetty@cmsa.co.za

## John and Madelaine Lownie Lectureship "The Wits Craniofacial Unit - 6 Years On" Dr Jeff Kourie - Maxillo-Facial and Oral Surgeon



Dr Jeff Kourie

I would like to begin by thanking the Colleges of Medicine and especially Prof. Madelaine Lownie for the great honour in inviting me to be the inaugural speaker for this now established annual lecture.

In this relatively young speciality of Maxillo-Facial and Oral Surgery, approaching 70 years of age in South Africa and a fairly small community of again approximately 120 specialists, we could be described as a tribe.

The name LOWNIE has become synonymous with MFO's in South Africa. They are the seniors of this tribe, the doyens of our community, it is in their honour that this John & Madelaine Lownie annual eponymous lecture has been established and is being given today.

- The Wits Cranio-facial Unit is 6 years old and was conceptualised late in 2010 by the then HOD's Profs Ken Boffard and Madelaine Lownie with our first meeting taking place in November 2010. Since then, we have met every last Thursday of the month in the department of surgery, 9th floor at CMH.
- Its establishment was born out of the need to create a reconstructive unit for patients suffering from dehabilitating and mutilating surgery to the face.
- It was never developed to supersede the already established Head and Neck group but rather to act as a satellite to Head & Neck where the reconstruction and rehabilitation of cavitating surgery could be discussed, planned and carried out using a multidisciplinary approach of interested and involved Health and Allied health providers.
- Its function and purpose are also not to be confused with the Craniosynostosis Unit that deals with paediatric syndromic abnormalities.

Recently, an innovation by Dr Lisa Burnell has been to institute a Tumour Board Meeting. This group meets monthly where they screen patients and refer to us if indicated.

#### Recent discussions have proposed a name change to either:

- 1. The CF Reconstructive Unit
- 2. The H&N Reconstructive Unit

This is just semantics and we are content to be called anything appropriate so long as we can continue our work.

It was well recognised at onset that for this unit to be successful and

by that I mean provide optimal care for our patients who are in such pitiful and dire circumstances that we would need to function as a multidisciplinary unit.

As with other such similar units elsewhere in the world, we have in this regard evolved through trial and error and will continue to do so.

## For such a unit to provide for every aspect of patient care, a long list of participants is necessary.

- Ear Nose & Throat Surgeons
- Plastic & Reconstructive Surgeons
- Maxillo-facial & Oral Surgeons
- Prosthodontists FORMS THE ESSENTIAL CORE
- Maxillo-facial Prosthodontists & Labs
- Radiation Oncologists
- Steriolithographic Planners
- Dieticians
- Speech & Hearing Therapists INTEGRAL INVOLVEMENT
- Psychologists
- Beauty Therapists
- Patient support groups
- Social Workers

For a host of reasons, and in some cases due to very sensitive issues not prudent for discussion now, the involvement of various elements both essential and integral have not been consistent, placing at times the functuality of this unit in jeopardy.

It is mandatory that the service providers in such a unit not only be highly skilled, but be available and affable.

For a cancer patient to be treated in any other way is unethical.

It is no secret that we have a skills and availability shortage at the CMH. Sadly, this has been amongst the vital participants in the group. The success of this unit has been for a large part reliant upon part-time consultant sessional workers.

These are Specialists who bring their collective expertise to the Government Sector adding inestimable value. This provision is being discouraged by the Health Dept. and consequently we have lost skilled and experienced surgeons.

Equally important to our survivability and functionality is the availability of hospital ward beds, ICU beds as well as theatre.

All too often, our operation is cancelled due to a lack of one or more of the abovementioned.

ICU beds can be requested days before but only confirmed on the morning of the operation and usually only after the entire team has assembled for the typically 8 to 16 hour operation.

As you can imagine, co-ordinating such an operation requires juggling of multiple schedules and often means those not full time having cancelled an entire day of their private practice. This needs to be addressed.

The necessity for skilled and empathetic nursing from the wards, ICU's and theatre cannot be overemphasised. There are challenges in this regard as well.

To date our referral basis has been mainly intra-hospital. Being a quaternary referral centre, the CMH is an end point for complex

#### Within the hospital our referrals originate from:

- 1. The head and neck group
- 2. The ENT department
- 3. The MFO's department
- 4. The Plastics & reconstruction department
- 5. The Prosthodontic department

Although far less, referrals also arise from Chris Hani Baragwanath. This is due mainly to both a skill and equipment shortage at that hospital.

We have also had referrals from private practice, mainly the Branemark Clinic and Morningside Hospital.

Over the last 6 years we have seen and had extensive case discussions on 103 patients.

Of these 53 are non-active (completed and being followed up, RHTed or deceased). 50 patients are active, which means they are currently in a phased approach to treatment. They are reviewed each month.

57 of our patients are female, 45 male and 01 transgender. The age range is 13 to 82 with a mean age of 45 years.

#### The breakdown is as follows:

- 1. 04 in the 2nd decade
- 2. 20 in the 3rd decade
- 3. 19 in the 4th decade
- 4. 19 in the 5th decade
- 5. 19 in the 6th decade
- 6. 13 in the 7th decade
- 7. 08 in the 8th decade
- 8. 01 in the 9th decade

12 of our patients are not South African citizens but originate from the so called SADEC Zone. But more about this challenge later.

27% of our patients are HIV positive. This did not preclude the patient from basic or reconstructive surgery so long as the disease process was stable.

The presenting diagnosis in most cases was either pathology or massive trauma.

By far the main etiology was Squamous cell CA and most of those occurred in the lower third of the face.

#### What follows is a list of the various conditions and their locations:

- Gunshot face 3
- Massive facial trauma 1
- Ameloblastoma dehiscence mandible 5
- 4. Ameloblastic carcinoma - base of skull - 1
- Recurrent ameloblastoma mandible 4 5.
- 6. Ameloblastoma maxilla - 1
- Gross ameloblastoma mandible 4 7.
- Recurrent ameloblastoma base of skull 2 8.
- Ossifying fibroma maxilla 4
- 10. Recurrent ossifying fibroma maxilla 3
- 11. Odontogenic myxoma maxilla 3
- 12. Bisphosphonate induced osteonecrosis of jaws 1
- 13. Non Hodgkins Lymphoma midface 1
- 14. Non Hodgkins Lymphoma mandible 1
- 15. TMJ Ankylosis 1
- 16. Squamous cell Carcinoma maxilla 8
- 17. Squamous cell Carcinoma mandible & FOM 21
- 18. Squamous cell Carcinoma Mandible Radiation damage ORN - 2
- 19. Recurrent squamous cell CA Mandible 3
- 20. Squamous cell CA Tongue 1
- 21. Osteosarcoma mandible 4
- 22. Osteosarcoma maxilla 3
- 23. Chondrosarcoma mandible 1
- 24. Florid cemento osseous dysplasia mandible 1
- 25. Adenoidcystic CA Maxilla & midface 3
- 26. Adenocarcinoma mandible 1
- 27. Recurrent adenoidcystic CA Mandible 1
- 28. Adenocarcinoma maxilla 1
- 29. Mucoepidermoid CA Maxilla 2
- 30. Ewing's Sarcoma maxilla 1
- 31. Neuroendocrine tumour maxilla 1
- 32. Pleomorphic adenoma radiation damage ORN 1
- 33. Osteomyelitis mandible (odontogenic) 1
- 34. Polyostotic fibrosis dysplasia midface 1
- 35. Nasopharyngeal carcinoma 1
- 36. Spindle cell carcinoma maxilla 1
- 37. Malignant peripheral nerve sheath tumour mandible 2
- 38. Basal cell carcinoma mandible 1
- 39. Basal cell carcinoma maxilla 1
- 40. Nodular spindle cell melanoma nose 1
- 41. Melanoma palate 1
- 42. Merckel cell tumour midface 1

#### Of the patients that were reviewed for treatment:

There were 5 who refused hospital treatment and 13 who because of extent of disease or unmanageable co-morbidity's were designated for palliative treatment.

#### With regards tumour removal, this is the surgery that was carried out:

- Marginal / Block Mandibular resections 06 1.
- 2. Hemimandibulectomy / body to body - 28
- 3. Three quarter mandibulectomy - 11
- 4. Angle to angle mandibulectomy - 04
- 5. Partial maxillectomy - 10
- 6. Total maxillectomy - 15
- 7. Maxillectomy & part of midface - 06

Of these patients, custom pre-bent plates, adapted using steriolithographic technology was used in 44 patients. This was in both mandibular and maxillary cases.

07 of our patients received chemotherapy and 25 had radiotherapy.

All the maxillary cases were obturated, the only time this did not happen, was when in the earlier years there was resections with immediate fibula grafting.

Over 30 patients were obturated, oftentimes the obturator being remade in the later phase of treatment.

#### Regarding bone grafting:

- 02 patient had distraction osteogenesis
- 2. 04 patients were reconstructed using iliac crest PCBM
- 04 patients with free Fibula and no skin paddle
- 23 patients with free fibula and skin paddle 4.
- 02 patients with double barrelled fibula

#### In the above group we had:

- 1. 01 failed double barrelled fibula
- 02 failed fibula's
- 03 failed skin paddle only but not fibula

In those requiring either only soft tissue reconstruction or additional soft tissue together with the fibula skin paddle.

#### Herewith are the statistics:

- 1. ALT Flaps 16
- 2. Radial forearm - 15
- 3. PEC major 05

In the above group, there were 5 flap failures requiring removal and regrafting.

A considerable number of our patients have received so called dental implants - these being zygomaticus, oncology and conventional implants.

- Conventional implants have been placed in 23 patients
- Zygomatic & oncology implants have been placed in 17 patients
- Nasal and orbital implants have been placed in 02 each respectively

In the above group there was a failure of implants in 07 patients.

09 of our patients presented with recurrence either mid reconstruction or after reconstruction was completed.

One out of 03 patients do not receive radiotherapy for a multitude of reasons to be discussed later.

Presently, 10 patients are waiting for fibula grafting and 11 are requiring implant placement for definitive reconstruction.

#### **CASE SELECTION**

The majority of patients that are presented in our clinic have already been through a vetting process. Case selection has determined which patients will be managed palliatively and which patients are probable candidates for surgical intervention followed by reconstruction.

#### The factors determining direction of management are:

- Extent of the disease metastases
- 2. Comorbidities
- Age of the patient
- **Prognosis**
- Patient's consent

#### Regarding the consent:

Brown et al in his paper on the "Liverpool Opinion" writes:

It is important to understand the difference between reconstruction for a patient following ablative head and neck cancer surgery and those that have suffered maxillofacial injuries. Trauma patients have no choice in the predicament they find themselves and hope that the reconstruction will improve their final result in a normal life span. A patient with cancer requires to be consented to undergo a potentially damaging procedure in terms of function and aesthetics and hence the reconstructive option and predicted outcome becomes part of the process of consent.

#### Potential Comorbidities that influence the decision not to do a free flap or alter where the flap comes from includes:

- Previous bilateral neck surgery
- Previous radiotherapy, chemoradiotherapy to the head and
- 3. Previous failed microvascular techniques.
- 4. Peripheral vascular disease
- Type II diabetes
- Sickle cell disease or coagulopathy
- Other comorbidities

#### Typically, in South Africa because of possibly:

- Socioeconomic conditions
- 2. Slow moving referral processes
- Patient unawareness

#### Our patients present late which means:

- There has been more local destruction of tissues
- 2. Regional spread
- Distant metastases

In some instances we are seeing the patient and initiating treatment 03-04 months after a problem has been detected.

The challenges of managing such pathology at an advanced stage versus early treatment are obvious. This prejudices the outcome at every stage, eventually impacting on the prognosis.

#### **FOREIGN PATIENTS**

The regulations governing health provisions for foreign patients without residency or asylum papers in South Africa have changed.

Previously, as part of SADEC, we could offer to our patients the full spectrum of treatment options.

Presently, we are limited to emergency / life savings treatment only which precludes the potential for definitive reconstruction and rehabilitation.

This has become especially challenging for the foreign patients who are midway in treatment. Despite multiple appeals to the hospital hierarchy in this regard, there is no solution in sight.

#### **RADIOTHERAPY**

For those conditions where radiotherapy is indicated, the desired and acceptable goal is to commence radiotherapy within a 06 week interval.

#### For patients having surgery in addition to radiotherapy that interval would include:

- 1. Diagnosis
- 2. Further special investigations
- Case selection, individual dept assessment, collective assessment and discussion
- 4. Consensus on a treatment plan
- Surgery recovery 5.
- Radiotherapy

Admittedly, it's a lot to fit in especially in a slower moving institution. Sadly, hardly ever are our patients receiving radiotherapy following this time frame.

#### There are a number of reasons for this:

- Delayed intra-hospital referral
- 2. Delayed case selection, discussion, treatment initiation
- 3. Poor lines of communication - radiation / clinics / patients
- Overwhelmed Radiation Oncology Dept.

As such, patients are having radiotherapy several months later or in many cases not at all. The negative impact on their outcome and how this impacts on our options are significant.

#### **FUNDING**

This specifically refers to the financial provisions to be made available for patients where rehabilitation with implants are indicated. That would be either implants to support obturation with prosthetic teeth or implants for dental rehabilitation. In summary, funds are in short supply and the process to obtain funds can be tedious and delaying. Unfortunately and puzzling, our patient's needs are not always

prioritized. My sincere thanks to Prof Dale Howes, his predecessor Prof Peter Owen, their consultants and registrars for the excellent and tireless work they do in this area.

#### TREATMENT PROTOCOLS

The establishment and adherence to protocols in managing our patients is essential. All other international well established and successful units have protocols which are reviewed periodically. The review is centred on research in their and other units, retrospective review and outcomes.

Because our unit is fledgling and because of the erratic involvement of skilled participants, there has been discontinuity. Although often discussed, we have no set treatment protocols.

Through trial and error, we have adapted our treatment options along the way. By detailing what our current treatment trends are I will attempt to explain what has brought us to this point and why. In so doing I will mention the areas of controversy related to reconstruction that all units face.

#### Tumour removal and simultaneous reconstruction is dependent upon:

- 1. Concerns about recurrence
- 2. Nerve margins and wound surveillance
- Size and location of defect and is patient having radiotherapy

A decision in each case is based on the above criteria.

Waiting for histological clearance is optimal especially when the pathology is gross and treatment has been delayed.

#### RECONSTRUCTIVE OPTIONS IN THE MAXILLA / MIDFACE

Reconstruction of the Maxilla / Midface, is based on class-type maxillary defects. (Classifications Brown et al, Okay et al), there are various options for hard and soft tissue replacements, namely:

FIBULA, ILIAC CREST, SCAPULA, RADIAL BONE - WITH OR WITHOUT OVERLYING SKIN PADDLES

#### And for soft tissue:

ALT, RECTUS, LATISSIMUS DORSI and RADIAL TISSUE

The advantages and disadvantages of obturation and composite grafting is as follows:

#### **OBTURATION**

<u>Advantages</u>	<u>Disadvantages</u>
Shorter operation time	Hypernasal Speech
Shorter post-op stay	Regurgitation of food & Liquids into the nasal cavity
Complete Visualisation of the cavity	Repeated Prosthetic adjustments
for Oncologic Surveillance	Hygiene maintenance
Less Morbidity/Mortality	Large Defects - Weight
Cost effective	Plastic Reconstruction
	Late Implant Failure

	AUTOLOGOUS TISSUE RECONSTRUCTION				
<u>Advantages</u>		<u>Disadvantages</u>			
	Abundant tissue for reconstruction	Longer operative & recovery time			
	Options for implants even in irradiated				

Can be single stage surgery Biological repair

Increased risks of complications No Oncologic surveillance

Less maintenance

Palatal obturators and microvascular free flaps are both used, however, the optimal technique remains controversial. It is generally accepted that larger defects, greater than Class II to III, are best managed with composite grafts.

#### The determinants used in assessing which method is better are:

- Speech and swallowing functions
- 2. Rate of complications
- Cancer surveillance for local recurrence

In our unit currently, we mostly opt for immediate implant placement and obturation.

We went through a period of composite graft failures and because of this we took a decision to simplify our graft protocol and only to expand on this when our success rate changed. We have also performed single and double fibula grafting of the maxilla / midface with soft tissue coverage. Currently, our preference is for single

Attachment of the fibula to sound bone both proximally and distally is essential - this can be troublesome.

#### RECONSTRUCTIVE OPTIONS FOR THE MANDIBLE

#### Include:

- 1. Soft tissue coverage only
- 2. Pre-bent plate and soft tissue coverage
- Pre-bent plate, fibula and soft tissue coverage (implants)

Dependent upon the Class type mandibular defect, various donor sites are available, namely:

1. FIBULA, ILLIAC CREST, SCAPULA, RADIAL BONE.

In our unit, fibula is the donor site of choice in all cases thus far. This is not so everywhere else, in some units, iliac crest is favoured.

Our flap failure rates compare favourably with published international statistics.

#### NUMBER OF OSTEOTOMIES

In order to improve our fibula survival statistics, we now try where possible to limit the number of osteotomies. This is done with due consideration for the eventual prosthodontic rehabilitation of the patient. Failure does not only relate to the number of osteotomies and the size of each segment but also to the manoverbility and handling of multiple segments from lower limb to face.

#### IMMEDIATE PLACEMENT OF IMPLANTS

Again bearing the possibility of imminent radiotherapy in mind, previously we placed implants immediately into grafted fibula. We have placed the implants in the fibula using guides and prior to the

vessels being clamped, tied and transported to the face. We have also placed the implants after the bone was transferred and anastamoses completed.

Currently, because of a number of factors (length of operation, fibula loss) we are not placing implants in the fibula at the grafting stage.

It is well recognised that implant placement in resident bone is essential prior to radiotherapy.

Implant placement in irradiated fibula is still possible following a recovery period, but implant placement in resident bone is risky post radiation.

Additionally, there are also conflicting opinions as to when a successful fibula graft can be accessed in order to place implants. Opinions vary from 6 weeks to 2 years.

Further consideration has to be given to the number of implants that can be safely placed in each osteomised fibula segment - for fear of inducing sequestration.

#### STERIOLITHOGRAPHIC PLANNING

The introduction of computerised assisted planning has greatly enhanced our capabilities.

#### Using this technology we are able to:

- Graphically visualise the pathology
- Assist in planning resection margins
- 3. Print 3D models of the involved areas - face / fibula
- 4. Do model surgery
- 5. Construct custom made pre-bent plates
- Pre-plan implant placement 6.
- 7. Construct fibula cutting guides
- Construct implant placement guides

Our usage of this modality has also evolved through trial and error.

#### With regards steriolithographics:

- Funding remains challenging
- Time lapse CT scans used disease progression
- Degree of accuracy distortion in manufacture
- Changes in cutting guides
- Changes in pre-bent plate profile (A-P) / dimensions

We have made fantastic advances with this system. None of this technology would have been and is possible without dedicated people. My sincere thanks to Prof. Dale Howes and the Branemark Institute, Dennis Tewson and his team at Selective Surgical, especially Layton Vosloo but mostly Carol Spence and her leadership and commitment in this field.

#### **COMPLICATIONS AND CONCERNS**

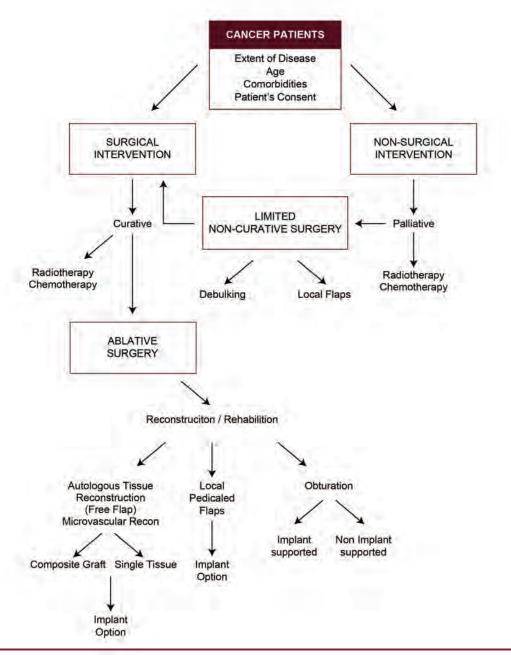
- Positive margins (frozen section)
- Length of operation
- III-fitting obturator
- Unreliability of steriolithographics distortion

- 5. Unreliability of dated CT scans
- 6. Resection greater than planned for
- 7. Cutting guides
- 8. Ill-fitting pre-bent plates
- 9. Inadequate vessels
- 10. Inadequate fibula length
- 11. Loss of fibula blood supply
- 12. Loss of skin paddle blood supply (primary or delayed)
- 13. Loss of fibula and skin paddle blood supply
- 14. Plate exposure intra/extra orally
- 15. Unsatisfactory fibula positioning (all dimensions)
- 16. Comorbidities on operating table
- 17. Post-operative sepsis
- 18. Wound breakdown
- 19. Bulky grafts
- 20. Unsatisfactory lining mucosa
- 21. Inadequate labial sulci depth

- 22. Contracture and stricture related to surgery and radiotherapy
- 23. Need for multiple operations
- 24. Recurrence

#### **GOING FORWARD**

- 1. More extensive involvement by all departments
- 2. Equipment
- 3. ICU Beds
- 4. Nursing commitment
- 5. Funding
- 6. Treatment protocols
- 7. Radiation oncology involvement
- 8. Speed up diagnosis to treatment
- 9. Research
- 10. Convince the authorities for the absolute need



### **CMSA Membership Privileges**

#### LIFE MEMBERSHIP

Members who have remained in good standing with the CMSA for thirty years since registration and who have reached the age of sixtyfive years, qualify for life membership, but must apply to the CMSA office in Rondebosch.

They can also become life members by paying a sum equal to twenty annual subscriptions at the rate applicable at the date of such payment, less an amount equal to five annual subscriptions if they have already paid for five years or longer.

#### **RETIREMENT OPTIONS**

The names of members who have retired from active practice will, upon receipt of notification by the CMSA office in Rondebosch, be transferred to the list of "retired members".

#### The CMSA offers two options in this category:

#### **First Option**

The payment of a small subscription which will entitle the member to all privileges, including voting rights at Senate or constituent College

elections. If they continue to pay this small subscription they will, most importantly, qualify for life membership when this is due.

#### **Second Option**

No further financial obligations to the CMSA, no voting rights and unfortunately no life membership in years to come.

Members in either of the "retired membership" categories continue to have electronic access to the Journal Transactions and other important Collegiate matter.

#### **WAIVING OF ANNUAL SUBSCRIPTIONS**

Payment of annual subscriptions are waived in respect of those who have attained the age of seventy years and members in this category retain their voting rights.

Those who have reached the age of seventy years must advise the CMSA office in Rondebosch accordingly as subscriptions are not waived automatically.



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### **CMSA Lost Members**

The CMSA office in Rondebosch is keen to establish the whereabouts of the following "lost members", some of whom may be deceased.

Kuther, Annamarie (College of Emergency Medicine)

Naidoo, Anitha (College of Psychiatrists)

Ngakane, Herbert (College of Surgeons)

Ospovat, Norman Theodore (College of Physicians)

Any information that can be of assistance must

please be e-mailed to Bianca van der Westhuizen at

bianca.vdwesthuizen@cmsa.co.za

or

Tel: 021 689 9533.

## **CMSA Database Information Update**

It is the sole responsibility of members of the CMSA to ensure that their address details, e-mail addresses and personal particulars are updated with the CMSA at all times. The CMSA cannot be held responsible for the non-delivery of any legal or statutory documentation to any member whose information has not been updated.

#### Fax or e-mail updated particulars, to:

Mrs Bianca van der Westhuizen

Fax: (021) 685 3766

Email: bianca.vdwesthuizen@cmsa.co.za

(State whether Prof	or Dr)				
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Telephone (Work)					
Facsimile					
Telephone (Home					
Mobile					
Identity Number_					
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Information, requ Gender: Race: Marital Status:	□Male	☐ Female			Postal Code

## Insignia For Sale CMSA Members

1	Ties:				
1.1	Polyester material:		EXCL	VAT	INCL
	1.1.1 Crest in colour as single under-knot design in navy	R	109.65	15.35	125.00
	1.1.2 Rows of shields separated by silver-grey stripes in navy or maroon	R	118.42	16.58	135.00
	1.1.3 Wildlife	R	87.72	12.28	100.00
	1.1.4 Golden Jubilee Fellows Tie in navy, in design 1.1.2	R	118.42	16.58	135.00
1.2	Silk material Fellow's Tie in navy, in design 1.1.2	R	315.79	44.21	360.00
1.3	Satin material Golden Jubilee Wildlife Tie in navy	R	140.35	19.65	160.00
2	Scarves (long):				
	The Big 5 (small animals) attractive design on soft navy fabric	R	201.75	28.25	30.00
3	Blazer badges in black or navy, with crest embroidered in colour	R	87.72	12.28	100.00
4	Cuff-links				
4.1	Sterling silver crested (enquire about price)		-	-	-
4.2	Baked enamel with crest in colour on cream, gold or navy	_	05.00	4.04	40.00
	background	R	35.09	4.91	40.00
5	Lapel badges/brooches				
	Crest in colour, baked enamel on cream, gold or navy background	R	17.54	2.46	20.00
6	Key rings (black/brown leather)	_	05.00	4.04	40.00
	Crest in colour, baked enamel on cream, gold or navy background	R	35.09	4.91	40.00
7	Paper-weights (enquire about prices)		1	-	120-
8	Paper-knives (enquire about prices)				
	Silver plated, with gold-plated crest		-	-	< : >
9	Wall plaque				
	Crest in colour, on imbuia	R	657.89	92.11	750.00
10	Purse in leather, with wildlife material inlay	R	263.16	36.84	300.00
11	History of the CMSA written by Dr Ian Huskisson	R	114.04	15.96	130.00
					A L
12	Diamond Jubilee Insignia (depicting the dates 1955-2015)				- حالته
	12.1 Maroon tie	R	131.58	18.42	150.00
	12.2 Maroon/Navy stripe tie	R	131.58	18.42	150.00
	12.3 Pen Set	R R	114.04 219.30	15.96 30.70	130.00 250.00
	12.7 Marout laulos soatt ili soit laulio	11	210.00	50.70	200.00
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