

EXECUTIVE SUMMARY

Fathima Paruk | MBChB, FCOG, Cert Crit Care, MD(Natal)
Full Professor In Critical Care
Clinical and Academic Head of Department: Critical Care, University of Pretoria and
Steve Biko Academic Hospital
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Selection of Key appointments

1. Critical Care Society of Southern Africa
 - President (2021-2024)
 - EXCO of Council and Honorary Secretary (2015- current)
 - Council Member (2009-current)
2. Co-Chair: Africa Telehealth Collaboration (Current)
3. University of Witwatersrand, Human Research Ethics Committee (2011-current)
4. Colleges of Medicines of South Africa (national examining body)-Chair: Committee for Critical Care (2021-current)
5. Appointments by the Minister of Health of South Africa (SA)
 - a. HPCSA(Health Professionals Council):National regulatory body for health professionals in South Africa
 - i. Medical and Dental Board (2016-2025)-
 - ii. Serve on EXCO of the Medical and Dental Board (2nd term, current)
 - iii. Chairperson of the Chairs of Preliminary Enquiry Committee (2nd term, current)
 - iv. Chair: Preliminary Enquiry committee number 2
 - v. Postgraduate Education and Training Committee (2016-2018)
 - b. *National Health Research Committee* (2010-2015)
 - c. *National Committee for Confidential Enquiries into Maternal Deaths* (10 years/2 terms)
6. University of Pretoria Human Research Ethics Committee (2016-2018)
7. Discovery Foundation Awards Screening Committee (2017-2021)
8. Provincial Antimicrobial Stewardship Committee(2021-current)
9. University of Pretoria Finance Committee (1 term)
10. University of Pretoria: School of Medicine (SOM) Readmission Committee
11. University of Pretoria: SOM Postgraduate Program Committee
10. Steve Biko Academic Hospital: Chair of Audit Committee(on behalf of CEO)
11. Steve Biko Academic Hospital AH: Chair of Critical Care Committee
12. Steve Biko Academic Hospital: Palliation Committee

Education, Training, Publications(Selection)

1. Trained 15 intensivists
2. International speaker invitations/lectures: More than 30
3. National speaker invitations/lectures: More than 250
4. Intercontinental Tele-ICU Collaboration (Charite University and RKI)
5. MMEDs/MMSc/PhDs: 16 graduates supervised
6. International Scientific Chair, World Federation Society of Intensive and Critical Care Medicine (WFSICCM) Congress 2013
7. International Scientific Advisory Committee member: WFSICCM 2015 (Seoul)
8. Publications (Research, Reviews, Book chapters): More than 100

Publications (Selection of Research, Reviews, Book chapters: More than 100)

1. Vazquez JA, Pappas PG, Boffard K, Fathima Paruk F et al. Efficacy and Safety of Novel Antifungal, Fosmanogepix, in Patients with Candidemia and/or Invasive Candidiasis Caused by *Candida auris*: Results from a Phase 2 Proof of Concept Trial **Antimicrobial Agents and Chemotherapy** 2023;67(5):e0141922.
2. Abdulla F, J Myers J, D Basu D eta al. Decreased severity of disease during the first global omicron variant covid-19 outbreak in a large hospital in Tshwane, South Africa *International Journal of Infectious Diseases*. 2022;116: 38–42 doi: 10.1016/j.ijid.2021.12.357
3. Bruce M Biccard,¹ Malcolm Miller,² William L Michell,³ David Thomson,⁴ Adesoji Ademuyiwa,⁵ Ernest Aniteye,⁶ Greg Calligaro,⁷ Hailu Tamiru Dhufera,⁸ Mohamed Elfagieh,⁹ Mahmoud Elfiky,¹⁰ Muhammed Elhadi,¹¹ Maher Fawzy,¹² David Fredericks,¹³ Meseret Gebre,¹⁴ Abebe Genetu Bayih,¹⁵ Anneli Hardy,¹⁶ Ivan

- Joubert,¹⁷ Fitsum Kifle,¹⁸ Hyla-Louise Kluyts,¹⁹ Kieran DM Macleod,²⁰ Zelalem Mekonnen,²¹ Mervyn Mer,²² Akinyinka Omigbodun,²³ Christian Owoo,²⁴ Fathima Paruk,²⁵ Jenna L Piercy,²⁶ Juan Scribante,²⁷ Yakob Seman,²⁸ Elliott H Taylor,²⁹ Dawid EA, Gopalan PD. An African, multi-centre evaluation of patient care and clinical outcomes for patients with COVID-19 infection admitted to high-care or intensive care units *The Lancet* Vol. 397(10288) 1885–1894 Published: May 22, 2021 doi.org/10.1016/S0140-6736(21)00441-4
4. Rule R, Paruk F, Becker P, Neuhoff M, Chausse J, Said M (2021) Clinical utility of the BioFire FilmArray Blood Culture Identification panel in the adjustment of empiric antimicrobial therapy in the critically ill septic patient. *PLoS ONE* 16(7): e0254389.
 5. Roxanne R, Paruk f, Mbelle N, Becker P, Neuhoff M, Chausse J, Said M. Diagnostic accuracy of the BioFire FilmArray blood culture identification panel when used in critically ill patients with sepsis *Journal of Microbiological Methods* 189 (2021) Volume 189, 106303 <https://doi.org/10.1016/j.mimet.2021.106303>
 6. Paruk F, Sime FB, Lipman J, Roberts JA. Dosing antibiotic prophylaxis during cardiopulmonary bypass-a higher level of complexity? A structured review. *Int J Antimicrob Agents*. 2017 Feb 27. pii: S0924-8579(17)30060-2. doi: 10.1016/j.ijantimicag.2016.12.014.
 7. Joynt GM, Gopalan DP, Argent AA, Chetty S, Wise R, Lai VKW, Hodgson E, Lee A, Joubert I, Mokgokong S, Tshukutsoane S, Richards GA, Menezes C, Mathivha RL, Espen B, Levy B, Asante K, Paruk F. The Critical Care Society of Southern Africa Consensus Statement on ICU Triage and Rationing (ConICTri). *S Afr Med J*. 2019 Aug 22;109(8b):613-629. doi: 10.7196/SAMJ.2019.v109i8b.13947
 8. Gavin M. Joynt, Jeffrey Lipman, Christiane Hartog, Bertrand Guidet, Fathima Paruk, Charles Feldman, Niranjana Kisson, Charles L. Sprung. The Durban World Congress Ethics Round Table IV: Health care professional end-of-life decision-making. *J Crit Care*. 2015 Apr;30(2):224-30. doi: 10.1016/j.jcrc.2014.10.011
 9. Bishop D, Dyer RA, Maswime S, et al. Maternal and neonatal outcomes after caesarean delivery in the African Surgical Outcomes Study: a 7-day prospective observational cohort study. *Lancet Glob Health*. 2019 Apr;7(4):e513-e522. doi: 10.1016/S2214-109X(19)30036-1. [ASOS investigator]
 10. Guidet B, Eric Hodgson, Feldman F, Paruk F, Lipman J, Koh Y, Vincent JL, Azoulay E and Sprung CL. The Durban World Congress Ethics Round Table II: Withholding or withdrawing of treatment in elderly patients admitted to the Intensive Care Unit. *Journal of Critical Care* Dec;29(6):896-901. doi: 10.1016/j.jcrc.2014.08.004
 11. Sprung CL, Paruk F, Kisson N, Hartog CS, Lipman J, Du B, Argent A, Hodgson E, Guidet B, Groeneveld ABJ and Feldman C. The Durban World Congress Ethics Round Table Conference Report: I. Differences between withholding and withdrawing life-sustaining treatments. *Journal of Critical Care* 2014 Dec;29(6):890-5. doi: 10.1016/j.jcrc.2014.06.022
 12. Paruk F, Kisson N, Hartog CS, Eric R. Hodgson, Lipman J, Guidet B, Du B, Argent A, The Durban World Congress Ethics Round Table: III. Withdrawing Mechanical ventilation- The approach should be individualized. *J Crit Care*. 2014 Jun 4. pii: S0883-9441(14)00223-8. doi: 10.1016/j.jcrc.2014.05.022
 13. Bhagwanjee S, Paruk F, Moodley J, et al. Intensive care unit morbidity and mortality from eclampsia: An evaluation of the Apache II score and the Glasgow Coma Scale. *Critical Care Med* 1999; 28(2): 120-124.
 14. Lapinsky SE, Hallett D, Collop N, Drover J, Lavercombe P, Leeman M, Moola S, Paruk F, Bernstein M, Moodley J. Evaluation of standard and modified severity of illness scores in the obstetric patient. *J Crit Care*. 2010 Nov 22.
 15. Paruk F. Obstetric Infections in Critical Care. *Best Pract Res Clin Obstet Gynaecol*. 2008 Oct;22(5):865-83.
 16. Laher AE, Paruk F, Venter WDF, Ayeni OA, Motara F, Moolla M, Richards GA. Development and internal validation of the HIV In-hospital Mortality Prediction (HIV-IMP) model
 17. Laher AE, Paruk F, Venter WDF, Ayeni OA, Richards GA. Predictors of in-hospital mortality among HIV-positive patients presenting with an acute illness to the Emergency Department . *HIV Med* 2021 Mar 31. doi: 10.1111/hiv.13097.
 18. Laher AE, Paruk F, Venter WDF, Richards GA. Predictors of prolonged hospital stay in HIV-positive patients presenting to the Emergency Department *PLoS ONE* 16(4): e0249706. <https://doi.org/10.1371/journal.pone.0249706>