



SEFAKO MAKGATHO
HEALTH SCIENCES UNIVERSITY

Data Driven Surgery 2025 Annual Conference

5-6 December | CSIR ICC, Pretoria



Day 1: Infrastructure for Equity

09:30 REGISTRATION

10:00 OPENING REMARKS

Hyla Kluyts

10:15 DAY ONE - SESSION ONE

Facilitators: Thifhelimbilu Luvhengo & Nonkululeko Boikhutso

10:15 The Emerging NHIS
Marlien Herselman

11:00 International Perspective: Strengthening Trauma
& Perioperative systems
Cherinet Osebo

11:30 From Data to Decisions: Establishing the Surgical
Workforce
Zane Farina

12:15 LUNCH

13:15 DAY ONE - SESSION TWO

Facilitators: Noluthando Ndlovu & Risenga Chauke

13:15 From Readiness to Recovery: Using Analytics and
ML to Transform Surgical Care
Rami Riman

14:00 Data Insights: Surgical referral patterns
William Mapham

14:30 Panel Discussion: How Can Surgical Data Shape
Healthcare Priorities?
*Shrikant Peters, Richard Crawford,
Reitze Rodseth*

16:15 Synthetic data: bridge to a sustainable African
surgical registry?
Alwyn Kotze

17:00 NETWORKING COCKTAILS

Day 2: Knowledge to Action

07:30 REGISTRATION

08:00 DAY TWO - SESSION ONE

Facilitators: John Biggs, Nadine Harran & Brad Beira

08:00 Keynote: Interoperability Meets AI - Driving Safety, Efficiency, and Patient Impact in Surgery
Rami Riman

08:40 Expert Talk: Data Quality & Interoperability
Matt Zylstra

09:20 Data Use Case: Perioperative Data Sharing
Allan MacFarlane

10:00 REFRESHMENT BREAK

10:30 DAY TWO - SESSION TWO

Facilitators: Odette Koch & Brian Pandaram

10:30 Showcase: Registry Models
Elizabeth Schaafsma, Tim Hardcastle, Phillip Webster

11:30 Panel Discussion: Why Data-Driven Practice Matters in South Africa
Astrid Ellaya, Ntuthuko Bhengu, Nicolette Mudaly

12:30 LUNCH & POSTER SESSION

Mapping Variations: Turning Anatomical Data into Surgical Insight
Sandy Hadebe

The Role of Clinical Pharmacists in Managing Drug-Therapy Problems Amongst Surgical Patients at a South African Tertiary Hospital.
Covenant Ngomana

Morphometric analyses of the carotid arterial system and its variations in a sample of South African cadavers
Onalerena Mabeba

13:30 DAY TWO - SESSION THREE

Facilitators: Elliot Motloun, Bruce Biccard, Gary Kantor & Kelly du Plessis

13:30 Real-world data: Regional variation in surgical volume and outcomes

Lizelle Steenkamp

14:00 Patient Perspective: It's Not Just the Surgery

Charlé Steyl

14:30 Expert Talk: Value in Healthcare - the surgical use case

Victoria Barr

15:00 Conversation: Ethical Data Stewardship

Inge Kleinhans, Brenda Kubheka

15:40 CLOSING

Hyla Kluyts

**TOGETHER SHAPING THE FUTURE OF
SURGICAL CARE THROUGH EQUITY,
INNOVATION, AND THE POWER OF DATA-
DRIVEN ACTION.**

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