

× City of
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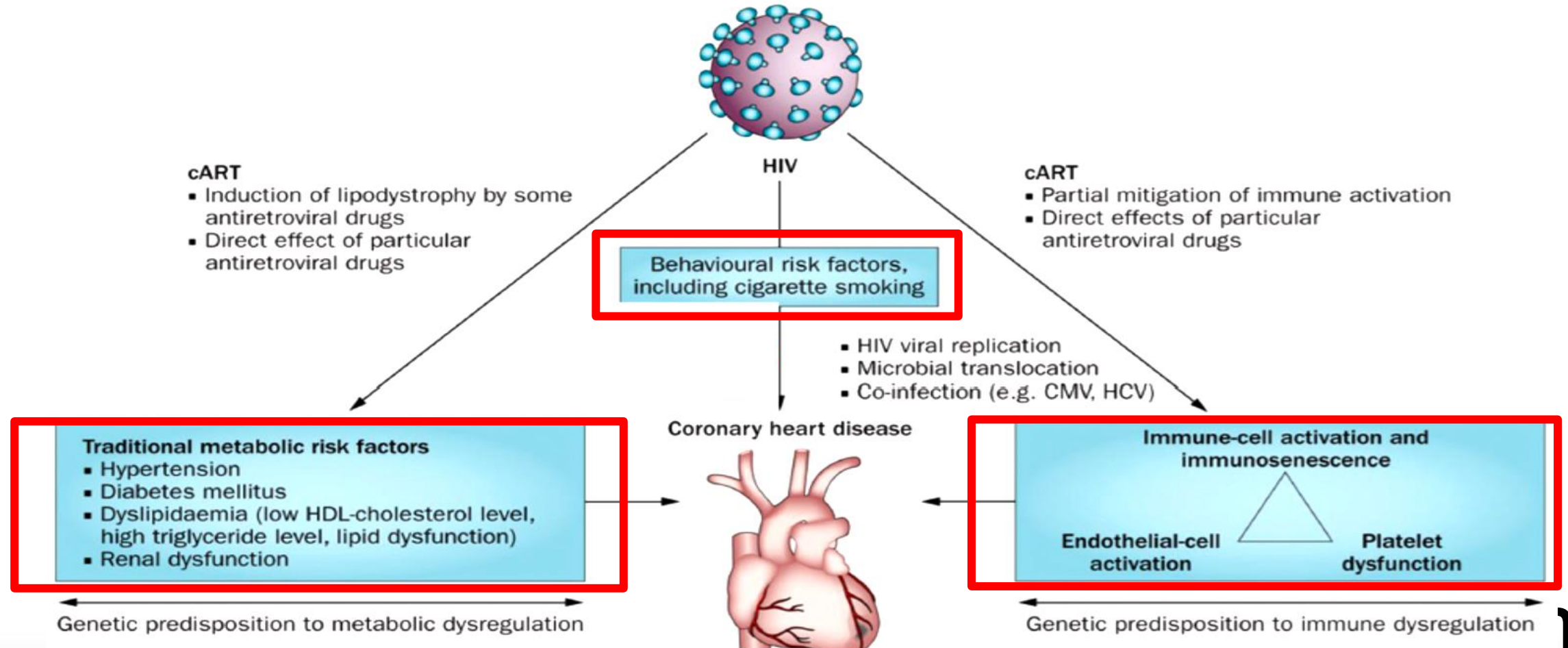
AMSTERDAM
FAST-TRACK CITIES 2023

Systems Strengthening and Service Integration: eThekweni

Prof Nombulelo Magula
Head: Division of Internal Medicine
University of KwaZulu-Natal

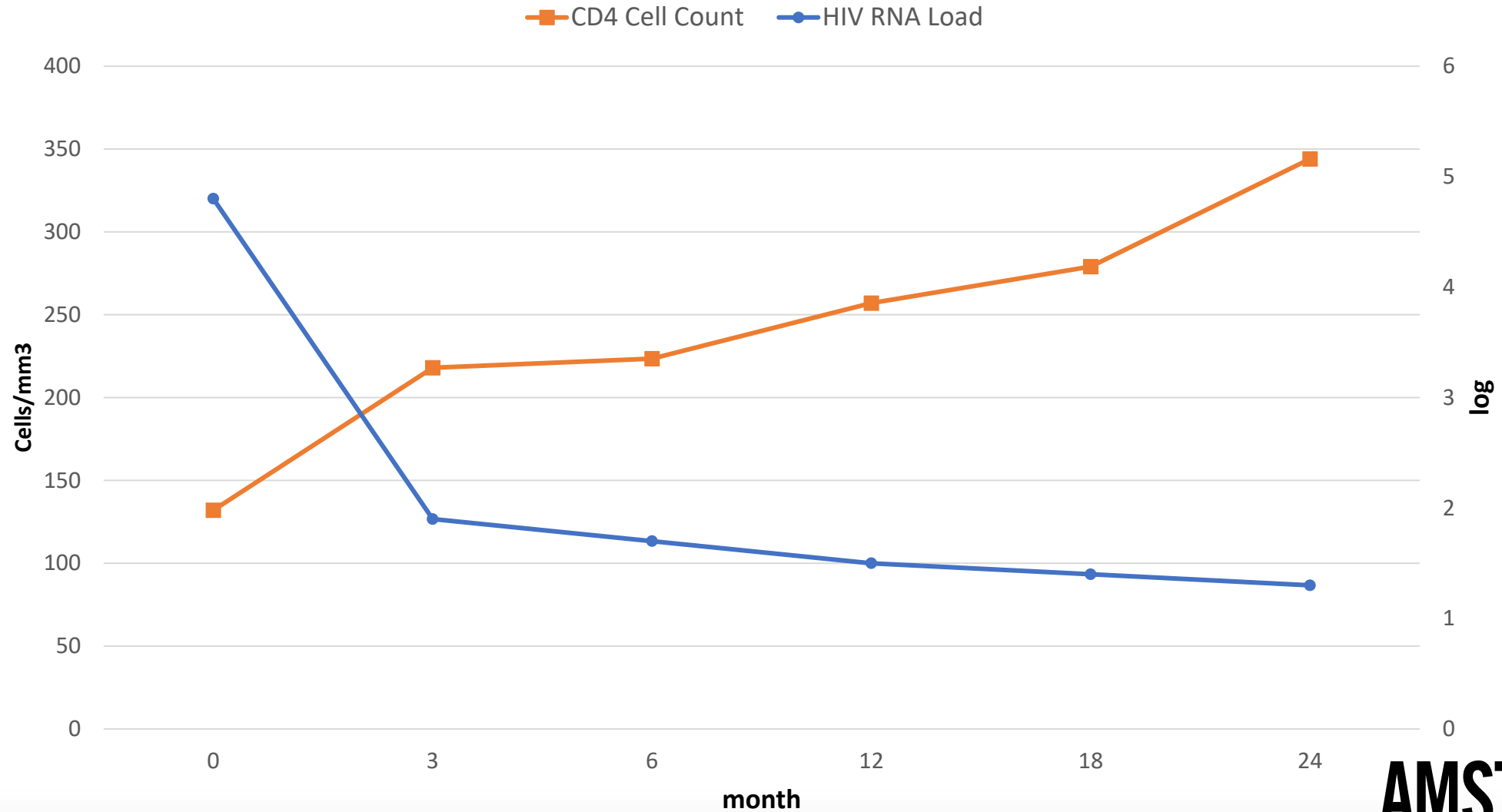
September 25-27, 2023 | RAI Amsterdam Convention Center

Pathophysiology of coronary heart disease in patients living with HIV infection

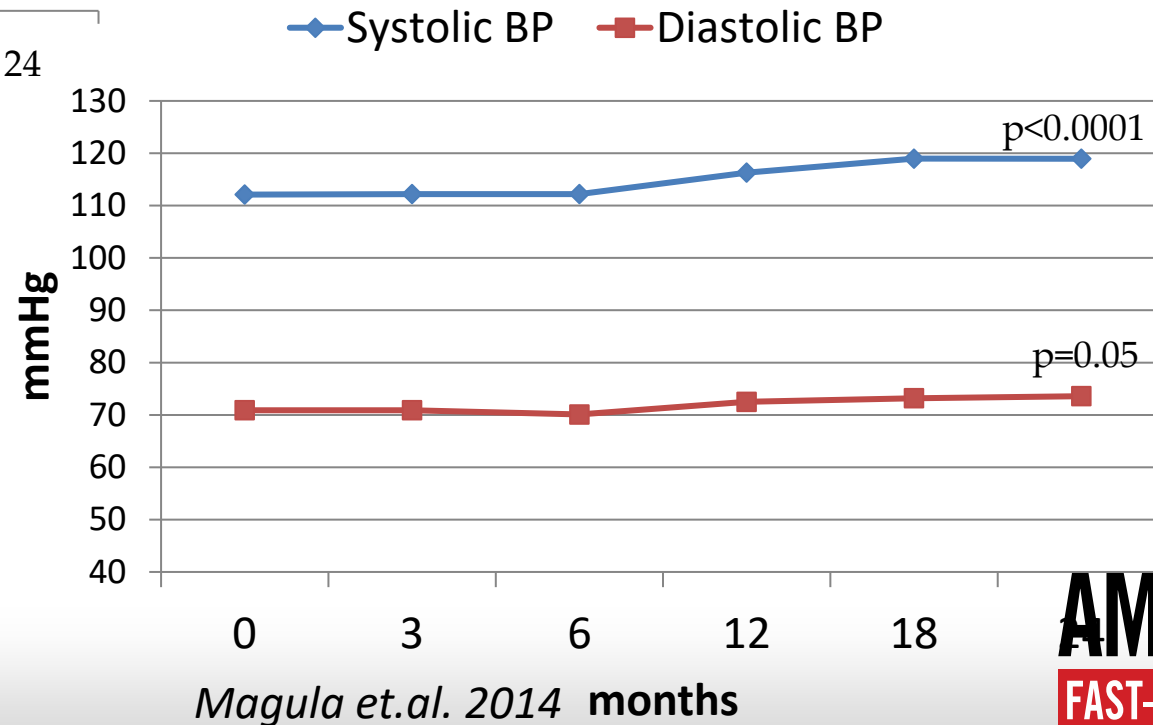
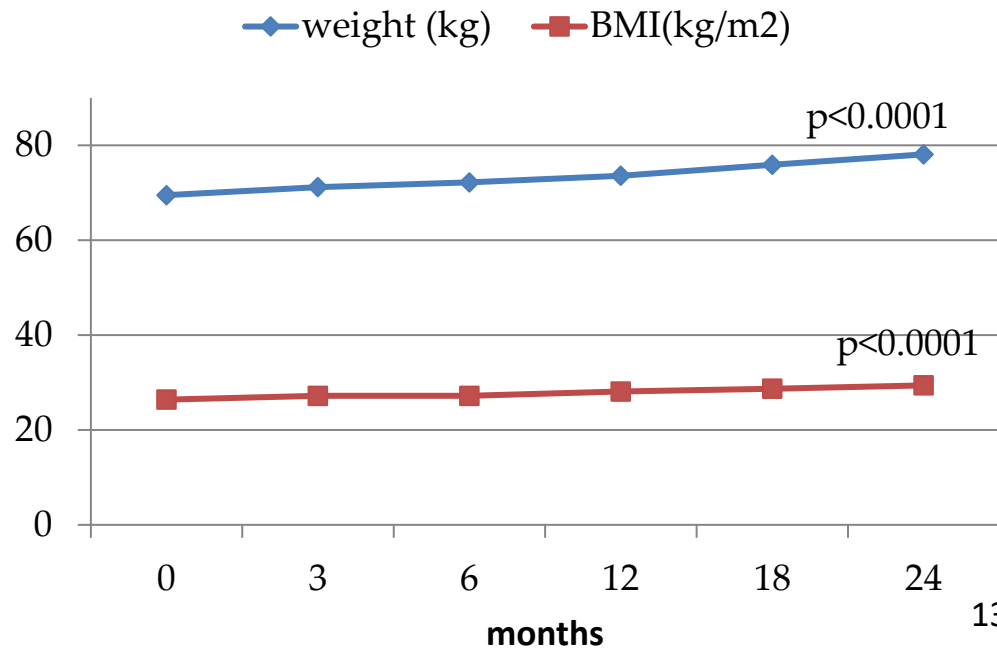


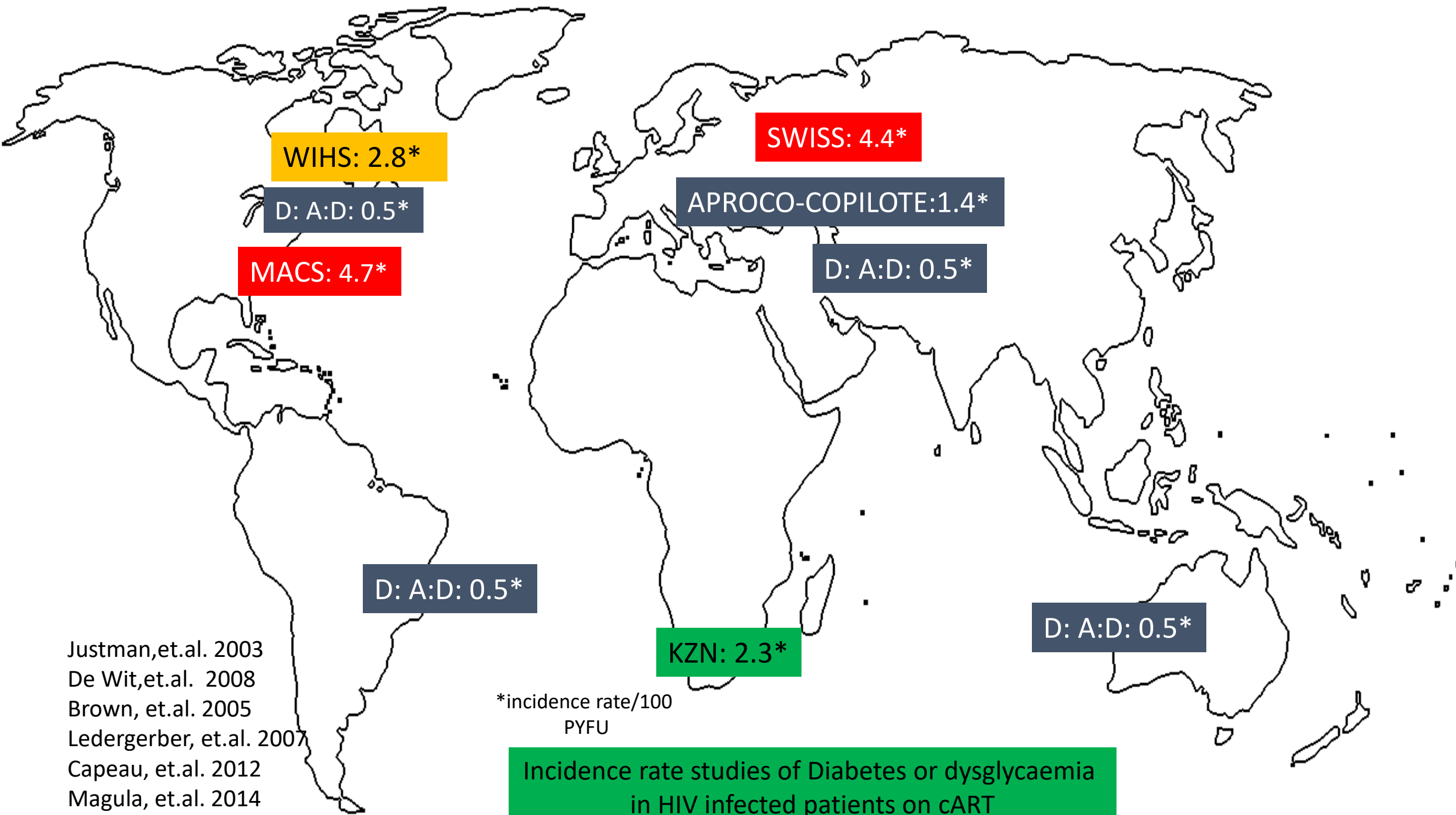
Adapted from Zanni MV, Schouten J, Grinspoon SK, Reiss P. Risk of coronary heart disease in patients with HIV infection. Nat Rev Cardiol 2014;11:728-41.

Immunological and Virological response



Magula et.al. 2014





Justman, et.al. 2003
 De Wit, et.al. 2008
 Brown, et.al. 2005
 Ledergerber, et.al. 2007
 Capeau, et.al. 2012
 Magula, et.al. 2014

*incidence rate/100
 PYFU

Incidence rate studies of Diabetes or dysglycaemia
 in HIV infected patients on cART



Pericardial effusion



XDR TB

TrakCare Lab Web Results Viewer

 NATIONAL HEALTH
LABORATORY SERVICE

Practice Number 5300296

FINAL LABORATORY REPORT - AMENDED

PATIENT:

LAB NUMBER: AA 09149639

REPORT TO:

DOB not stated sex M

Doctor In Charge
South Africa

Patient Location: Inkosi Albert Luthuli Central Hospital, B4E Adult Cardio Thoracic Ward
Hospital Number:

FOR INQUIRIES AND FOLLOW-UP TESTS, PLEASE QUOTE PATIENT'S MRN NUMBER

MICROBIOLOGY

Tel 031 240 2787, Fax 031 240 2786

Specimen received: Fluid / aspirate
Tests requested: TB cult, TB ID, TBans

Mycobacterial Identification - Biochemical:
Result *Mycobacterium tuberculosis*

Drug Sensitivity Testing:

Isoniazid (INH)	Resistant
Rifampicin	Resistant
Streptomycin	Resistant
Kanamycin	Resistant
Ofloxacin	Resistant

This is a case of extensive (also known as extreme) multi-drug resistant tuberculosis (XDRTB). The patient should be referred for specialist opinion.

Authorized By:

D
N

-- End of Laboratory Report --



ORIGINAL ARTICLE

Prednisolone and *Mycobacterium indicus pranii* in Tuberculous Pericarditis

B.M. Mayosi, M. Ntsekhe, J. Bosch, S. Pandie, H. Jung, F. Gumedze, J. Pogue, L. Thabane, M. Smieja, V. Francis, L. Joldersma, K.M. Thomas, B. Thomas, A.A. Awotedu, N.P. Magula, D.P. Naidoo, A. Damasceno, A.C. Banda, B. Brown, P. Manga, B. Kirenga, C. Mondo, P. Mntla, J.M. Tsitsi, F. Peters, M.R. Essop, J.B.W. Russell, J. Hakim, J. Matenga, A.F. Barasa, M.U. Sani, T. Olunuga, O. Ogah, V. Ansa, A. Aje, S. Danbauchi, D. Ojji, and S. Yusuf, for the IMPI Trial Investigators*

Community Interventions

Calabash Project – UK

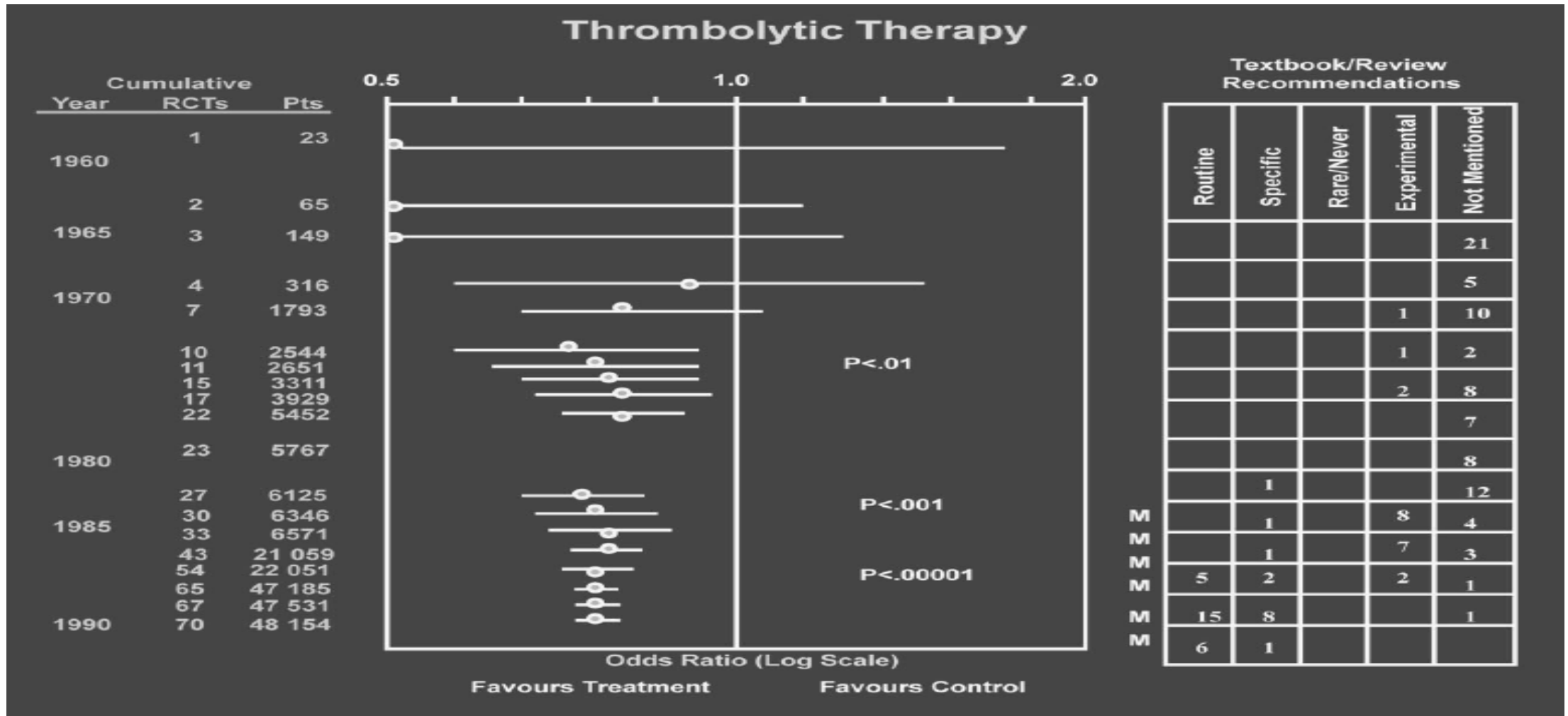
Housing Project – US

Support Group Project – SA

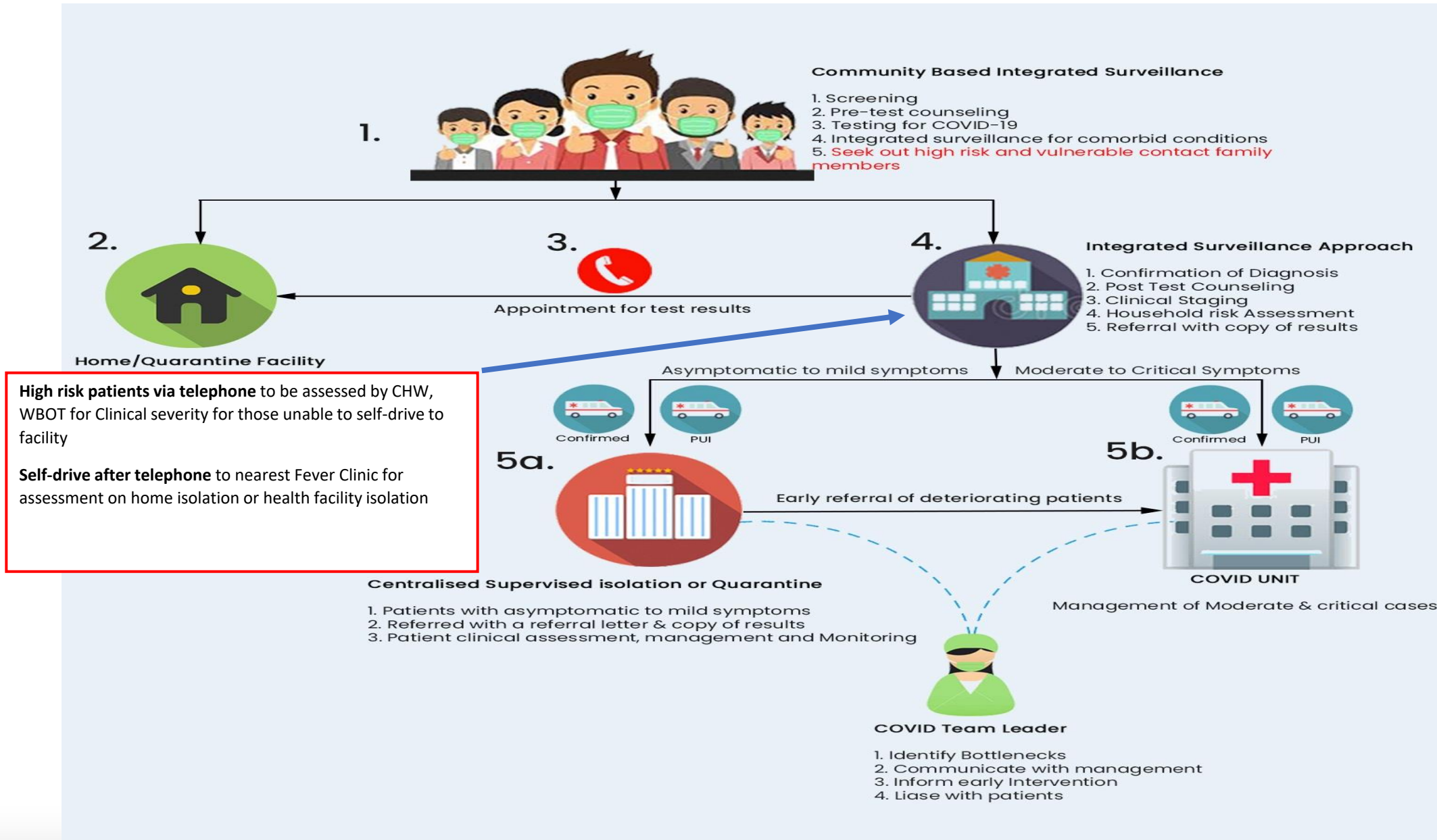
Leaving no Child behind Project – SA

Structural Racism data

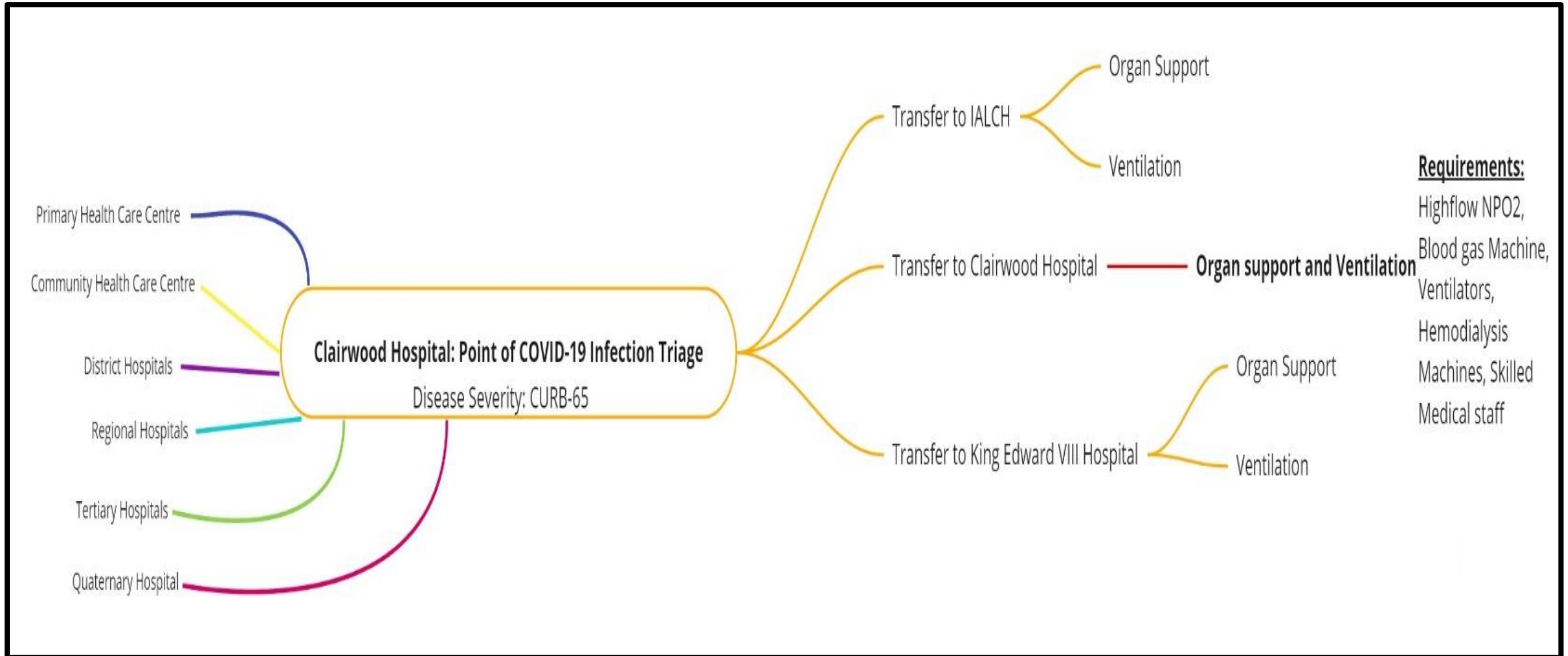
Dangers of not considering evidence



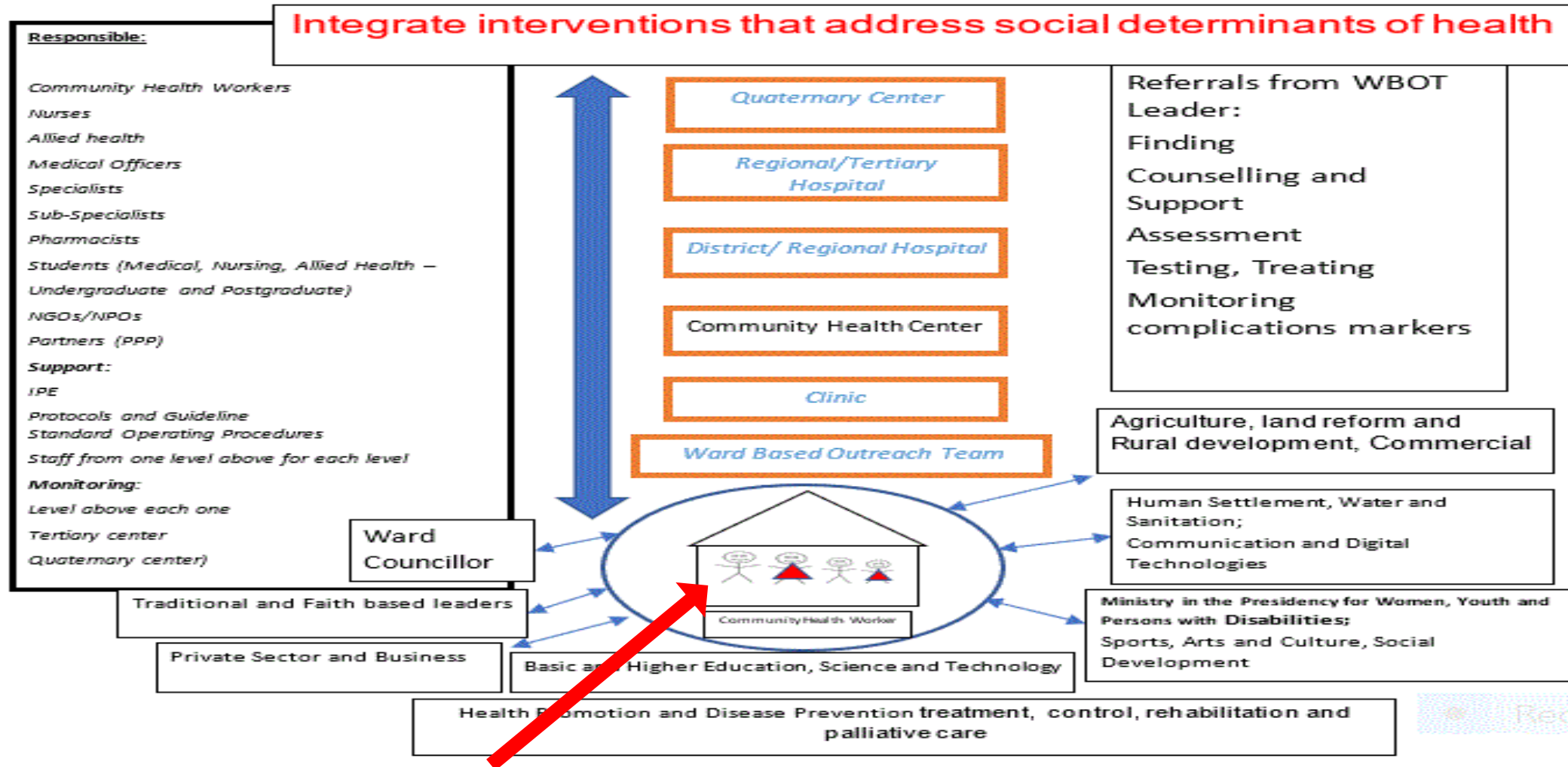
The effect of thrombolytic therapy in preventing death from myocardial infarction.



Opening access to care using Digital Technology



Disruption of the Healthcare system hierarchy for improved access and efficiency





Fast-Track Cities 2023 • September 25-27, 2023



National Health Insurance

Developing an Integrated Screening Approach



Evaluation of the effectiveness of an integrated screening approach and development of a tool for integrated screening from lessons learnt:
A Primary Healthcare Integrated Approach

Dr S'nothile Malinga

