



HASA 2017 CONFERENCE

THE HEALTHCARE PUZZLE

integrating
healthcare



Drivers of healthcare utilisation in the South African medical scheme market

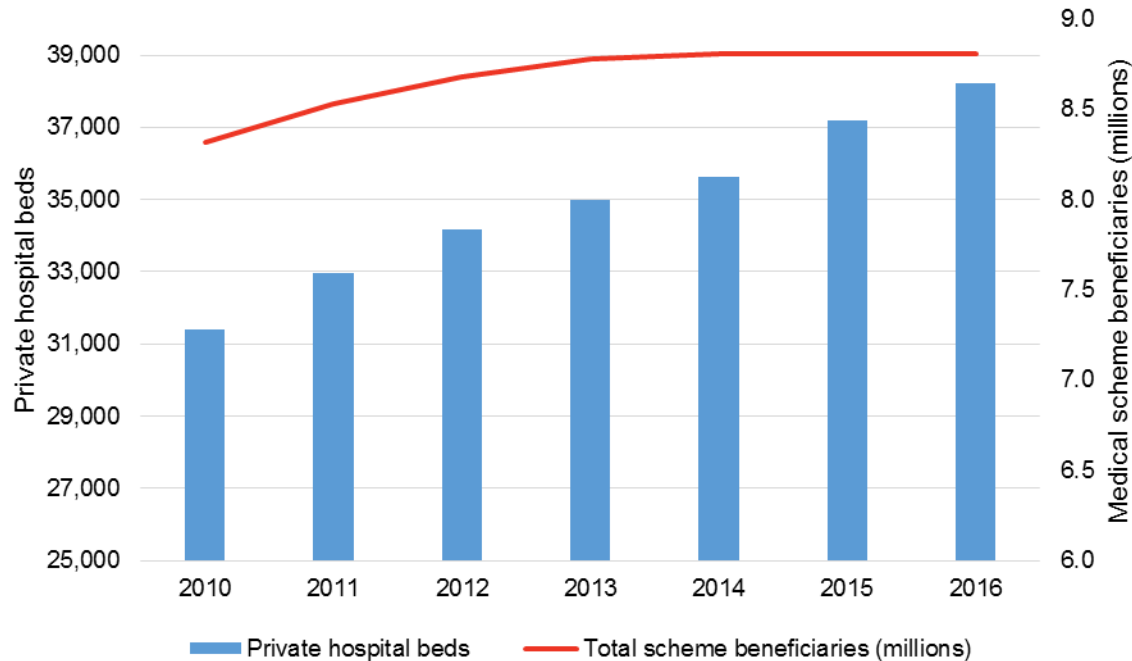
Dr Jenni Noble



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Increase in hospital beds

Increase in hospital beds vs. Medical scheme beneficiaries



- 2010 – 2013:**
 - 6% increase in beneficiaries
 - 9% increase in private beds
- 2013 – 2016:**
 - No beneficiary growth
 - 9% increase in private beds

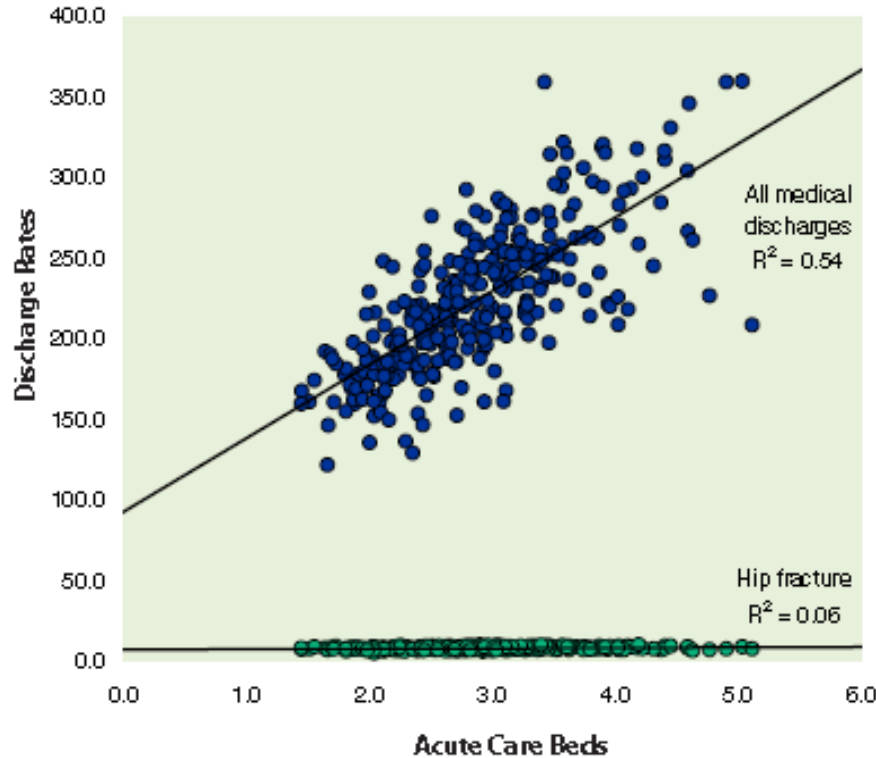


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Dartmouth Atlas Project: regional availability of hospital beds and admission types

Association between hospital beds per 1,000 and discharges per 1,000 among Medicare enrollees in 306 hospital referral regions



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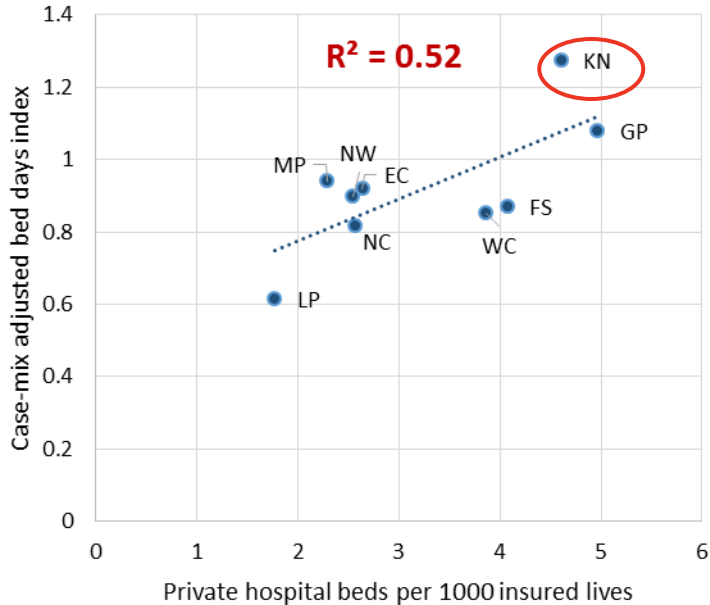
Source: Dartmouth Atlas Project, 1996

A Member of AfroCentric Group

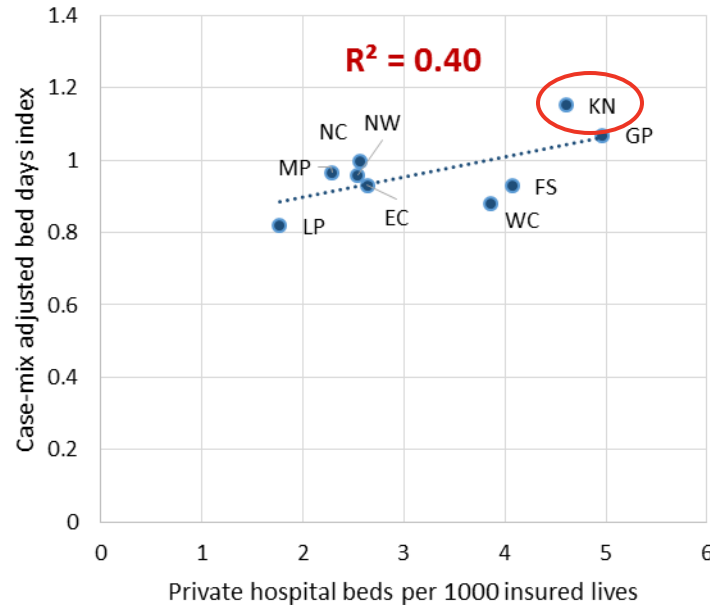


Correlation between hospital beds and medical and surgical admissions

Private hospital beds vs medical bed days



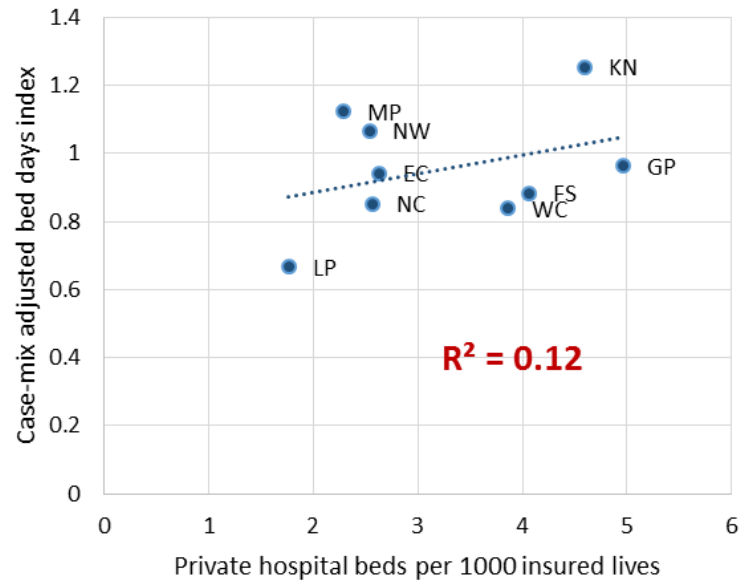
Private hospital beds vs surgical bed days



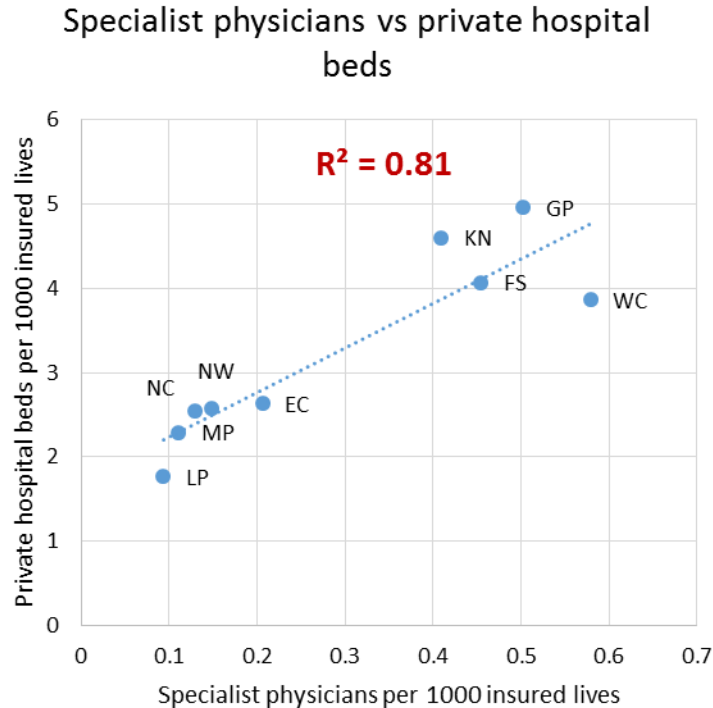
Medical admissions have a stronger correlation with the number of hospital beds than surgical admissions

Correlation between hospital beds and medical admissions – adjusted for physician density

Private hospital beds vs medical bed days after adjusting for physician density



Correlation between physicians and hospital beds



Hospitals alone cannot induce demand, but the interaction between the hospital and doctor cannot be ignored



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THANK YOU!

