Patient-centered care in Low Middle-Income Countries; Does it matter?

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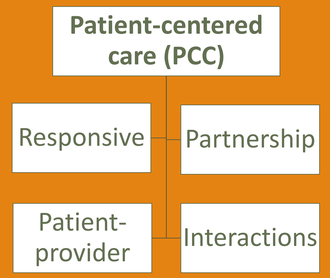
Malawi

- 20 million population
- Health care services free at the point of care
- Physician --patient ratio is 0.4 per 10,000 inhabitants

Family Medicine

Malawi's road to the future

Background



Interpersonal aspects of care are equally core to the improvement of health service delivery and outcomes.

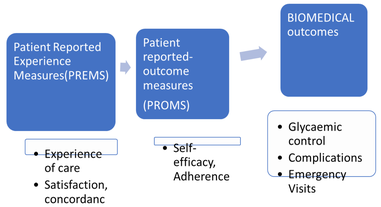
PCC emerging quality care reforms, especially in chronic diseases e.g Diabetes Mellitus (DM).

Patients' perceptions of PCC are known to vary with SES, duration of disease, presence of multi-morbidity

The double burden of disease – Multi-morbidity

2.8% Diabetes Mellitus prevalence, 32% Concomitant Hypertension

The role of PCC in Diabetes care



Methods

Study Aim

To assess diabetes Mellitus (DM) patients' level of perception of PCC and its relationship to self-efficacy, adherence, and glycaemic control

Study Design: Cross-sectional analytical.

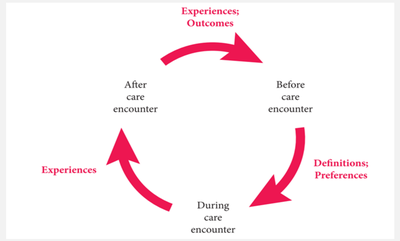
Population: DM patients, n= 607, 4 DM clinics rural and urban

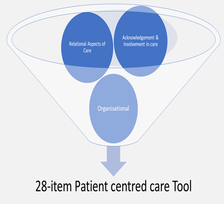
Sampling: Subsequent consenting adult patients with DM

Exclusion criteria: Facility utilization <6months, those involved in qualitative phase

Data analysis: Cluster analysis, regression, Path analysis

Patient-centered care measures





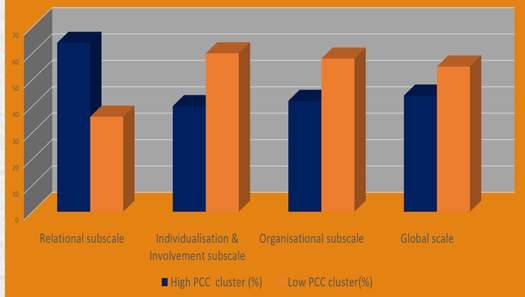
28-item Patient centred care Tool

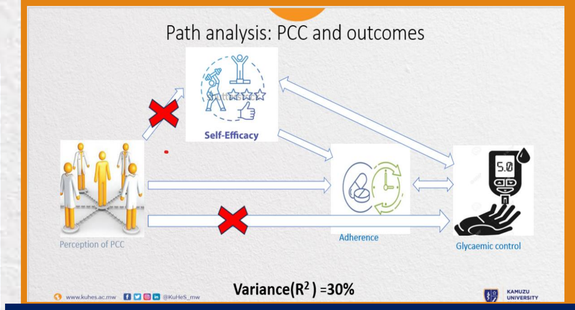
Results

Key Findings

- More female than males
- More Type 2 Diabetes
- High levels of illiteracy
- Multi-morbidity
- General poor glycaemic control

Proportions between high and low PCC scores by cluster

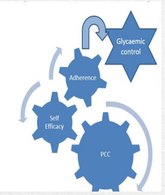




Conclusions

The Message : Potential associations

- PCC is associated with better adherence-promising in DM management process
- PCC does not impact on self-efficacy
- PCC has no direct association with glycaemic control
- Minimum threshold of PCC may be required (consistency)
- Achievement of glycaemic goals can boost self-efficacy & adherence



Recommendations

- We need more empowering medical encounters needed
- Medical education should PCC attitudes

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Acknowledgments

CARTA: The consortium for advanced research training in Africa

NCD(BRITE): Building Research Capacity, Implementation, and Translation Expertise for Noncommunicable Diseases

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