How to increase PBM knowledge and build a strong PBM leadership in a country?



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Honoraria, advisory boards, travel or research support:

NIH Fogarty, CANSA, Acino, Pharmacosmos, Vifor Pharma, Aspen, Austell

Committees, directorships, associate:

WHO strategic committee for Patient Blood Management

NATA Board Member

AABB Global standards committee

International Collaborative Transfusion Medicine Guidelines (ICTMG) group

International Foundation Patient Blood Management (IFPBM) Associate

Non-executive director, Western Cape Blood Service (WCBS)

Global Transfusion Forum lead

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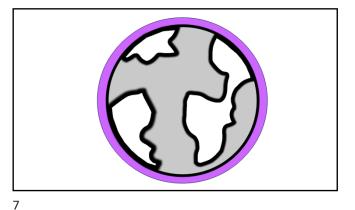
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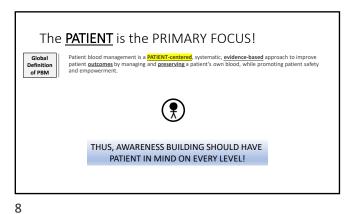
AWARENESS

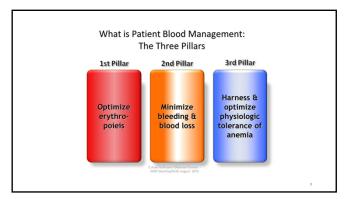
- 1. Who do we focus on?
- 2. What do we focus on?
- 3. What do we do?

WHO SHOULD WE FOCUS ON?

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DECIDE ON PRIMARY TARGET GROUP • Ideal • "Everyone with a pulse" Practically • Women in their reproductive years, especially Teenagers and women with heavy menstrual bleeding
 Pregnant women and mothers • Surgical patients Blood donors

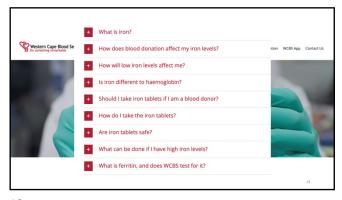
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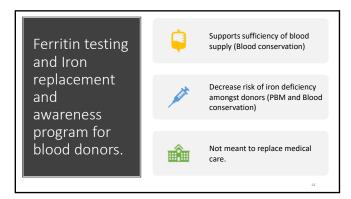
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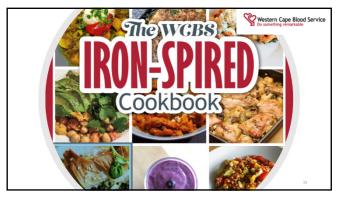
WHAT DO WE FOCUS ON? • Symptoms other than fatigue • Hair loss Nails that break CravingsHeadaches, etc. Adolescents Effect on mood, concentration, school performance Pregnancy outcomes Neurocognitive development of baby born of iron deficient mother

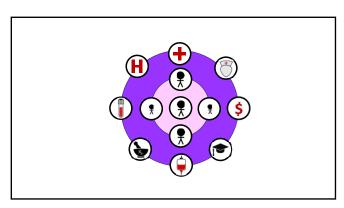
ACTIONS FROM OUR EXPERIENCE • Face-to-face • Journalists & magazines Mother and child DIS DIE EEN · Women's health • Radio • Television

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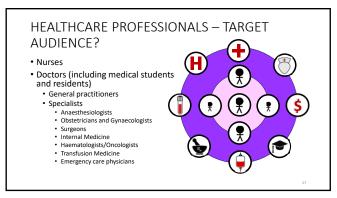








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WHAT DO WE FOCUS ON?

• The magnitude of the problem

• The solution that PBM provide

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WHAT DO WE FOCUS ON?

- Tailor to the specialty, e.g.
 - Anaesthesiology/Surgeons
 - The three pillars, especially perioperative anaemia and minimizing blood loss
 Patient outcomes and savings

 - Independent risk of blood transfusion
 - Obs & Gynae

 - Heavy menstrual bleeding
 Pregnancy complications mother & baby
 - Neurocognitive development baby born of iron deficient mother Gastroenterology
 - - Diagnosis and management of iron deficiency

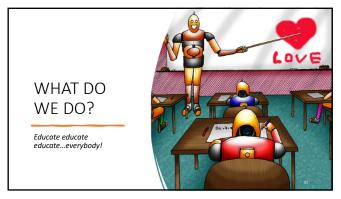
WHAT DO WE FOCUS ON?

- Tailor to the specialty, e.g.
 - Haematology/Internal Medicine/Pathology
 - Diagnostics and treatment
 Reference ranges
 - Transfusion Medicine/Blood Services
 - PBM role in assisting with blood supplyHow can we collaborate?
 - · General practitioner/Nurses

 - All the above
 Opportunity for screening
 - IV iron clinics

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What...?

- Multiple lectures, workshops, also at referring hospital network
- Presentations to stakeholders
 Hospital Management, Blood
 Utilisation Committee, Provincial
 Health, Pharmaceutical services
- National weekly Deep Dive Haematology program Annual National PBM conference
- Guideline groups meeting
 Regular Sub-Sahara Africa case-based education meeting on PBM
 G-ECHO PBM meetings with Gastro Foundation

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University level

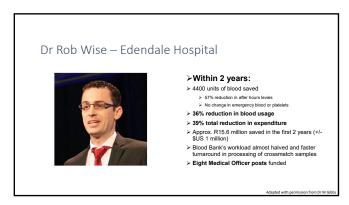
- Interns University of Cape Town
 Have to complete online
 modules on PBM during their
 rotation at Anaesthesiology
- Residents Handbook
 Chapter on PBM completed
 Webinars
- YouTube videos
- University of the Free State Short Learning Programme on PBM

SA **national** meetings 2021-2023 with PBM sessions SAGES SASOG SASSA ASSAf ASSAF
 SACHAS
 PFFSA
 SANBS
 SAFCP
 Pathcare
 Health Insu Mediscor)
 Pharmaeir



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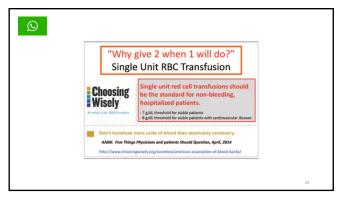








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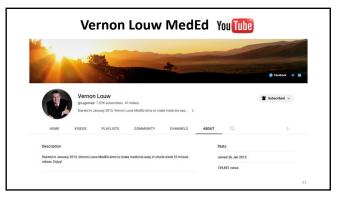


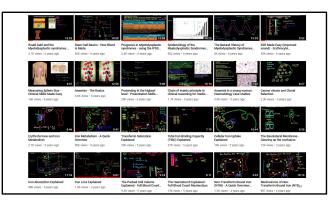


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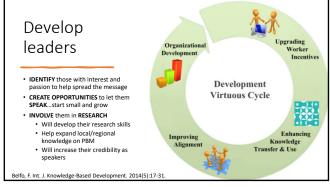






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Awareness should be data-driven -<u>research</u> required.

- To understand our own situation and needs
- To map the gaps
- To identify the challenges and find solutions

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Examples Education Research: Masters and PhD

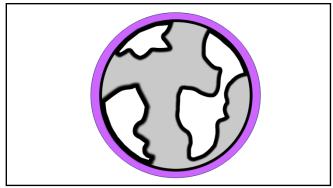
- Resident knowledge of transfusion medicine (BEST Test)
 Andries Swart
- Improving patient blood management knowledge of interns using online modules Matthew Young
- Matthew Young
 Developing a validated framework for a
 Patient Blood Management (PBM) toolkit
 appropriate for the South African
 healthcare context
 Vanitha Rambiritch
 Safety and efficacy of IV Iron infusions a
 10-year experience
 Ethan McGlade



Transfusion and Apheresis Science Transfusion and Apheresis Scien The knowledge of trar Universitas Academic Palaming Monboethoe', Ma Introgenic blood loss in critical care: A prospective observational study conducted at Universitas Academic Hospital in the Free State Province, South Africa South Afr J Crit Care 2022:38(2):75-81. https://doi.org/10.7196/SAJCC.2022.v38i2.539

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International collaborations WHO SIAPBM NEPAD NATA SABM Russian PBM in Clinical Medicine Romania Insights in Haematology India (Varanasi Obs & Gynae Society) Bloodless Medicine & Surgery Society Czech Iron Academy, Prague Women's Health Iron Academy Meeting, Warsaw, Poland Project ECHO meetings

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Conclusion

1. WHO do YOU want to reach?
2. WHAT will YOU focus on?
3. WHAT will you DO?

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