Pragmatic Solutions for prehospital care;

what is the difference between high income and low-to-middle income countries?

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Disclaimer

"While I may mention products, companies or equipment throughout this presentation, by no means am l representing them in any sales or marketing capacity....."



A little about me....

- Experienced Director and Senior Manager within Ambulance/Paramedicine
- Experience University Program Director and Senior Lecturer
 - Undergraduate and Postgraduate
- Masters of Paramedic Practitioner
- Board Director (International)
 International College of Advanced
 Paramedic Practice (I-CAPP)



- President Australian Institute of Paramedic Practitioners (AIPP)
- Completing my PhD with Griffith University, QLD, Australia

For fun – Motorsport Australia Paramedic / Parent

A little about me....

- This is my pet snake Noodle.
- He is an Australian Stimson Python found in Western Australia.
- He will grow to about 1 meter
- In the same snake family as Children's Python, but doesn't get as large
- Very peaceful & placid snake
- Noodle is a great study buddy and enjoys going to work too

McConnell, D. 2019 "A high-impact approach to death & dying", Journal of Paramedic Practice, 11:5, pp216-218.



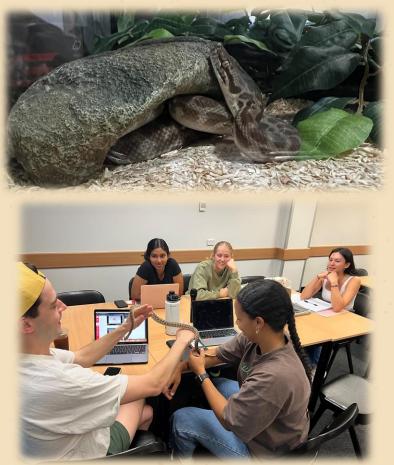


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High Income Countries

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Question?

Ask more

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questions

Asking more questions

So what is paramedicine? What do / what can paramedics do?

Clarifying your answers in pictures



Image from Victorinox Swiss Champ XXL



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What does the world think paramedicine is?

Williams et al 2021 says: "Paramedicine is a domain of practice and health profession that specialises across a range of settings including, but not limited to, emergency and primary care."

Oxford Dictionary says: "A branch of medicine dealing with emergency medical care given to people who are injured or ill, typically in a setting outside of a hospital."



If you haven't reviewed Williams et al., 2021 article "*The Definition of Paramedicine: An International Delphi Study, use this QR code to take you to it.*"

Quick definitions for today Ambulance Models of Care

For the purpose of today, given our time constraints, I will be focusing on the two main ambulance models in use today. I do acknowledge there are others, but that's a different presentation for another day.

Franco-German Ambulance Model (FGAM) – Primarily physician led, some locations Nurse plus a driver. Responds from a hospital or health facility. Very common in Low-to-Middle Income countries, with some locations not even acknowledging emergency medicine as a speciality.

Anglo-American Ambulance Model (AAAM) – Based around a team of trained emergency responders, across multiple levels accredited / registered levels of care. Plays a significant part within a countries healthcare system, where emergency medicine is recognised as a key part of the overall healthcare system.





High Income

Countries

High Income Countries at a glance

- Examples (AAAM)
 - Australia
 - Canada
 - USA

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- United Kingdom
- New Zealand
 - South Korea



High Income Countries

- Challenges (AAAM)
 - Unions 0

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- **Changes to National Laws** 0 0
 - Staffing

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- **Patient Flow**
- Ambulance Deserts 0
 - Recognition
- Is this model still accurate? 0

High Income Countries

- Solutions (AAAM)
 - Mobile Integrated Healthcare (MIH)
 - Unions Micro Battles
 - Service Delivery
 - Advocation / Unite
 - Open your hearts



High Income Countries

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Talking Point (AAAM) Is this model still accurate? Makridges, T. et al., 2023 No two systems are the same: Paramedic perceptions of a contemporary system performance using prehospital quality indicators



at a glance

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- Examples (FGAM)
 - Mongolia
 - Maldives
 - Vietnam
 - Indonesia
 - Cambodia





at a glance

- Challenges (FGAM)
 - Trust
 - Access to Services
 - Qualifications of providers
 - Health Law / Government Services
 - Recognition
 - Financial is it worth it!



at a glance

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- Solutions (FGAM)
 - World Health Assembly Resolution 72.16
 - Provides the Why
 - Partnerships / Delegations
 - Research
 - Transferrable methods
 - Superheros need not apply





at a glance

- Talking points (FGAM)
 - Hirner et al., 2023
 - Defining measures of emergency care access in LMIC; a scoping review
 Current Projects

Questions?

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