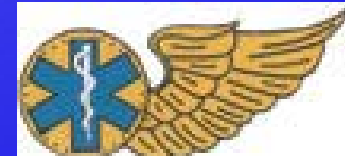


Helicopter Retrieval

Supporting Oil and Gas Safety Systems

Andy Symons

Director Critical Care Paramedic Services



Helicopter Retrieval

Rotary evacuation of the critically ill or injured patient requires a professional, well coordinated team approach from time of incident to arrival at definitive care

Depending on location it may include rotary, fixed wing, road or a combination

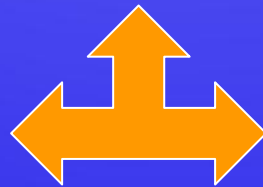
All components of the retrieval must be best practice to ensure positive patient outcomes

Typical Retrieval Flow Chart

Incident -Time / Transport Critical
(Medic on Vessel)



Primary Response
(CCP Paramedic)



Definitive Care

Secondary Response
(RFDS or Care Flight)



Definitive Care

Terminology

What do these key words actually mean?

- Definitive Care
- Time Critical
- Transport Critical
- Triage / Prioritisation

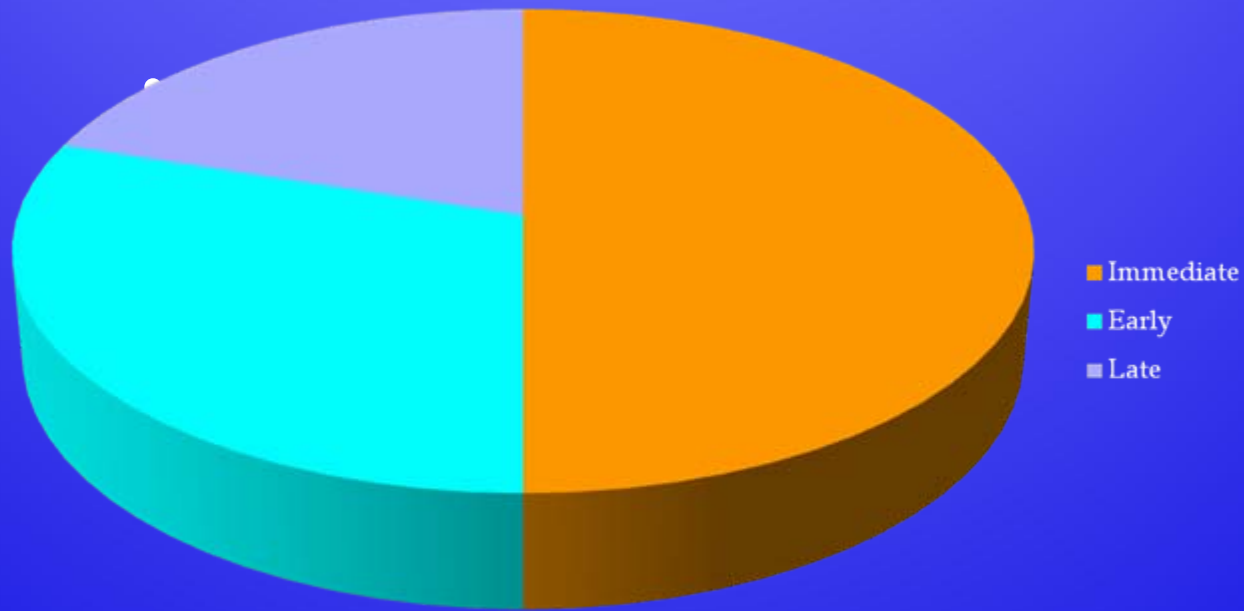
Challenges - North West Australia

- Remote location with excessive response and transport times
- Prehospital care in the area is volunteer only and lacks training, equipment and because working from home, excessive response times

Challenges - North West Australia

- Country hospitals can deal with low level emergencies only and most patients need to be transported to Perth or Darwin
- Search & Rescue capability limited

Trimodal phases of severe trauma / illness



Primary Retrieval

Provide the Oil and Gas Industry with a rotary retrieval system that is the equivalent or better than the national benchmark or standard

National Standard

- Dr – Nurse or Dr – CCP
- Critical Care Paramedic

Critical Care Paramedic

- What is a critical care paramedic?
 - Helicopter Rescue & Retrieval expert
 - Extended Skills
 - Disaster & Emergency management skilled
 - Post Graduate in Critical Care Medicine
 - Prehospital Emergency clinical specialists
- Why use a critical care paramedic?
 - Specifically trained to do the job!

Current Clinical Risk

Amiodarone

Lignocaine

Morphine

Maxolon

Atropine

Dextrose

Midazolam (IV)

Cardiac Pacing

12 lead ECG

Chest Decompression

Rapid Sequence Induction

Advanced Life Support

PreHospital Trauma Life

Support

Solutions

- Requires joint industry cooperation
- Unite in utilizing and sharing current rotary facilities
- CCP as clinical benchmark

Solutions

- Utilise CCP to support country medical facility, clinically support vessel Medic and HSE
- Adequate equipment