



Organising your PETS transfer

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Paediatric Emergency Transport Service

Who are PETS - really?

ICU Registrar	461
ICU Consultant	4
ICU Nurse	442
MICA Paramedic	6
Air Ambulance Paramedic	5
No ICU Nurse or Air Ambulance/MICA Paramedic	14
Unknown	0



The Royal Children's Hospital Melbourne

PETS Referral Record

UR NUMBER
SURNAME
GIVEN NAME(S)
DATE OF BIRTH
AFFIX PATIENT LABEL HERE ↑

Patient details

Case/transport number
Surname
First name
Age Years Months
Referral call commenced
Date Time (hr:min)

Gender Male Female
Weight
Referrer name
Designation/Role
Referring hospital
Contact telephone/s
Receiving unit of choice
Choice by
Reason if not re-referring

Personnel

Coordinator
Consulted with

Referring diagnosis

Details of illness

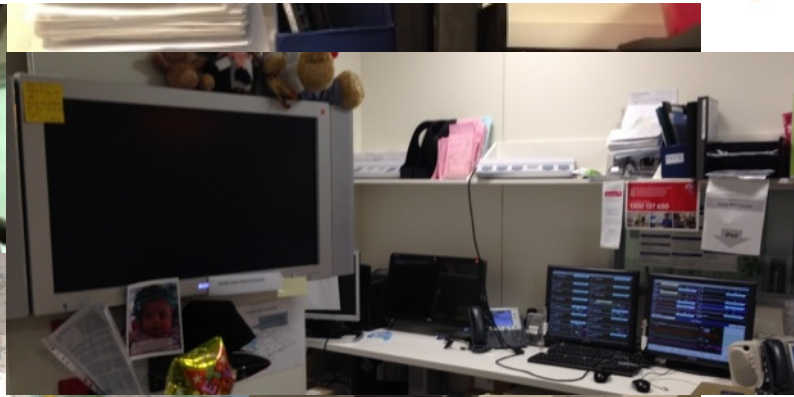
Arms and C-Spine
Conscious (response)
Head up
NG tube
Cervical collar
ETT
ETT post
ETT on X

Breathing
SaO₂
Resp rate
Resp dist
O₂
O₂ rate
O₂ flow
IPV
Pressure/Rate
FiO₂
Humidification

Circulation
HR
BP
Perfusion
Temp
Warm ext

id MR82/C

Print No. 201204 URC21029 March 2012

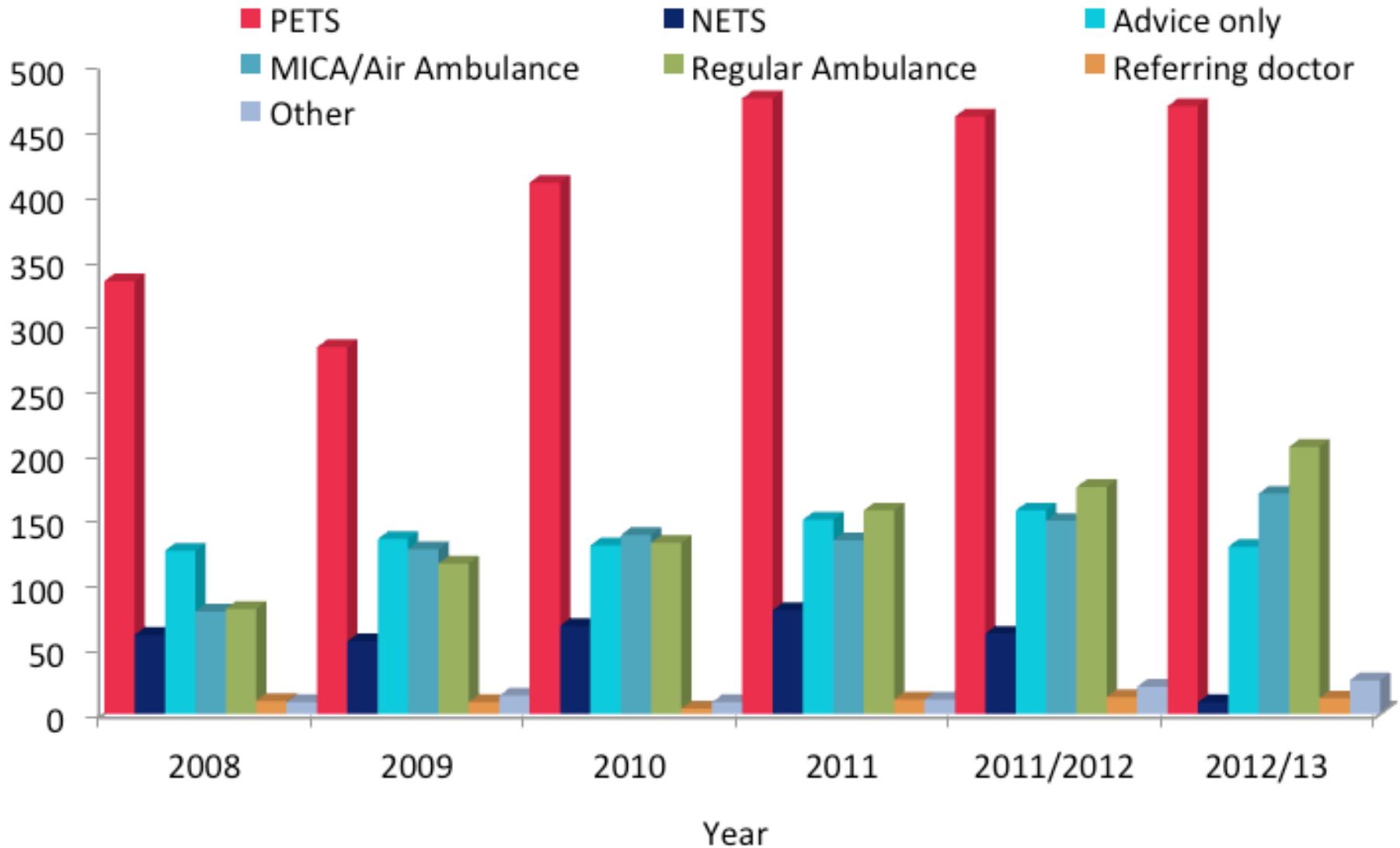


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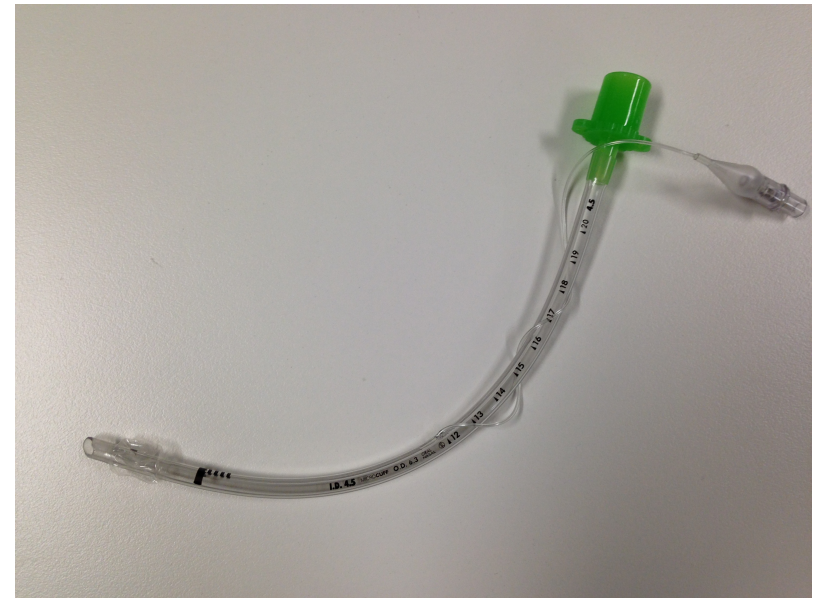


What does PETS do ?



Why would I need them ?

Adenoidectomy/Tonsillectomy	1
Anaphylaxis	5
Trauma - Head	19
Retropharyngeal Abscess	1
Tracheitis	2
Upper Airway Obstruction	2
Foreign Body - Inhaled	6
Croup	43
Misc/Anaes:Anaesthetic Complication: Malignant Hyperthermia	1



PETS

RCH > Operations > PETS > Emergency referrals

- In This Section
- About PETS
 - Make a referral**
 - Outreach education
 - Parent info
 - Contact us

Emergency referrals

Emergency Referrals for Paediatric and Retrieval (PETS & NETS)

-For Health Professionals Only-

For all PETS, NETS, and PERS calls:
1300 137 650

Information Required During

[Information Required During a Referral](#)

Drug and Infusions Calculator

<http://www.rch.org.au/clinicalguide/guidelin>

Preparation for Transport A

[Preparation for Transport](#)

Video Consult

http://www.rch.org.au/telehealth/join_a_co


RCH Clinical Practice Guidelin

<http://www.rch.org.au/clinicalguide/>

Like Tweet

Victorian Paediatric Emergency Transport Service

1300 137 650



Information Required During a Referral

We recommend you follow the I.S.B.A.R. guideline outlined in the checklist below. **It is NOT a requirement to have ALL the information available.** Please make your referral at any point in time when you need paediatric intensive care advice or retrieval.

Our call coordinator will greet you and record this information

Introduction	<ol style="list-style-type: none"> your name, clinical role, location and contact number your patient's name, age/DOB, weight
---------------------	---

The PETS Consultant or Senior Registrar will join the call and discuss the following with you (our call coordinator will record the information)

Situation	<p>The clinical situation (e.g. status epilepticus, child is intermittently apnoeic, will likely require intubation)</p> <ol style="list-style-type: none"> past medical history presenting problems/history of presenting illness management undertaken, investigations performed review of systems <ul style="list-style-type: none"> ▪ Airway <input type="checkbox"/> clinical findings <input type="checkbox"/> intubation grade <input type="checkbox"/> ETT size <input type="checkbox"/> ETT position ▪ Breathing <input type="checkbox"/> clinical findings <input type="checkbox"/> ventilation parameters <input type="checkbox"/> blood gases <input type="checkbox"/> CXR ▪ Circulation <input type="checkbox"/> clinical findings, HR, BP, rhythm <input type="checkbox"/> vascular access <input type="checkbox"/> fluids (bolusses and continuous fluids) <input type="checkbox"/> vasoactive medication ▪ D <input type="checkbox"/> clinical neurological findings <input type="checkbox"/> sedation <input type="checkbox"/> muscle relaxants <input type="checkbox"/> CNS imaging ▪ E <input type="checkbox"/> temperature <input type="checkbox"/> blood results incl. blood glucose <input type="checkbox"/> microbiology ▪ F <input type="checkbox"/> family/parents
Background	
Assessment	The working diagnosis or overall assessment of the situation
Request	Please state whether you are requesting advice only or retrieval or are unsure.

Why aren't they answering?

Whats taking them so long ?

Where are they ?



PETS Equipment: Standard equipment to be taken on all trips:

- Sealed PETS bag
- Zoll Monitor
- ECG leads, BP cuffs & cable, saturation probe & cable, invasive cables, ETCO2, ? defib pads
- 3 Braun syringe pumps: 50ml syringesx3, long viggos (extension tubing)x3
- Laerdal bag and mask
- LTV Ventilator and circuit-check oxygen inlet hose is attached
- Spare LTV Battery (Interstate Retrievals)
- PETA: ...

Croup / Epiglottitis/Difficult Airway

- Extra long ETts (Croup tubes)
- Suction catheters
- Wrap around arm splints
- Glidescope
- Bougies

Status Epilepticus

- Phenytoin

Head Injury / Multi Trauma

- Mannitol
- 0.9% saline
- 3% saline
- Central line : 3 lumens
- Extra pressure transducer and cable
- Extra 50 ml syringes x3
- Extra long viggos/IV extension tubing x3
- Extra Braun infusion pump
- Chest drain catheter



ditions



ite size



- Wrap around arm splints
- Chloral Hydrate

Doctor's Name :	Sign	Nurse's name	Sign
Patient's Name :	Hospital:	Date:	

Where the bloody hell are they ?



- Time to leave RCH **1 hour**
- Time to reach referral site **2 hours**
- Time to return to RCH **3 hours**



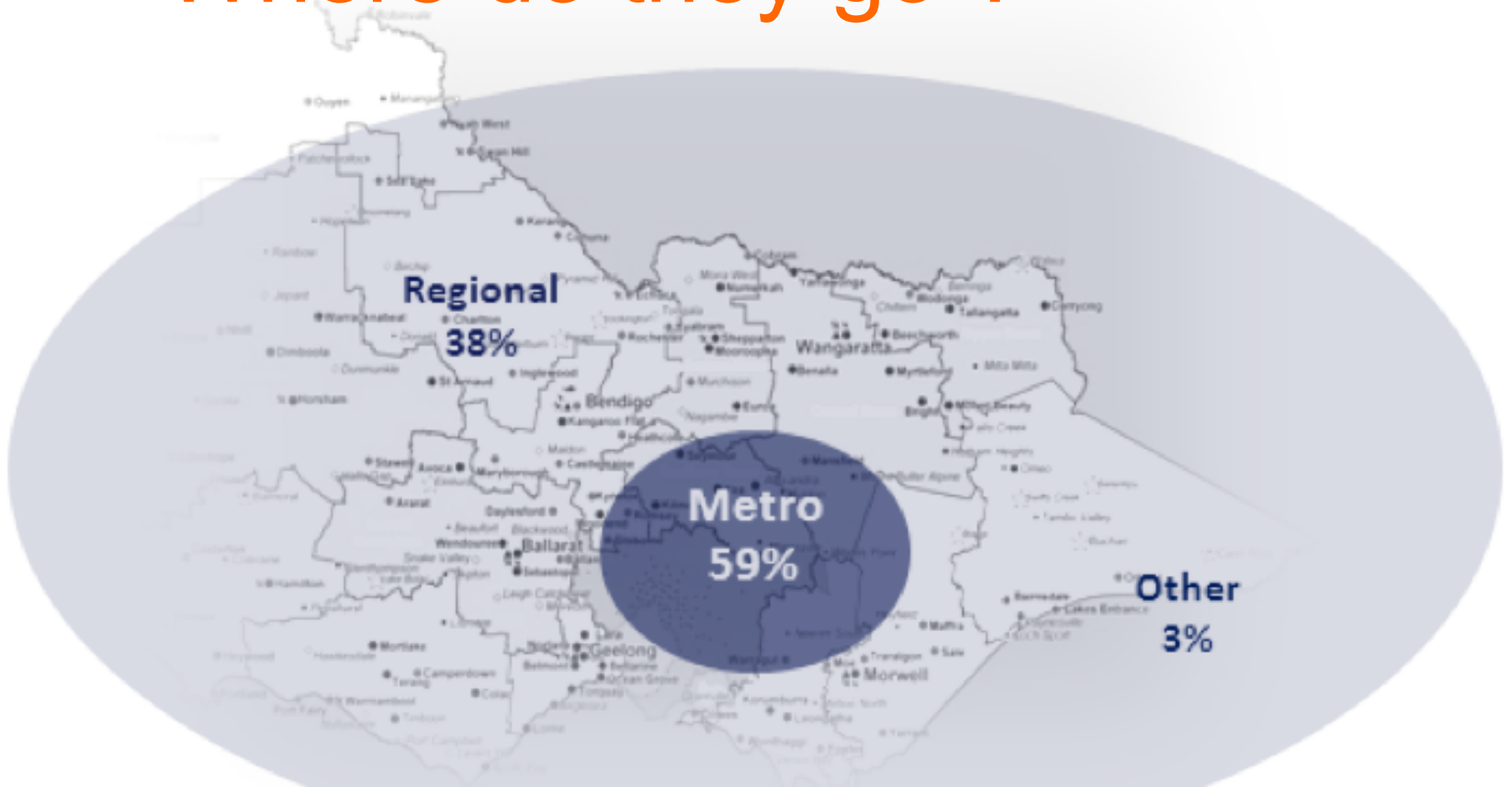
Preparation for Transport

- Checklist -

A	Intubated/Ventilated Children <ul style="list-style-type: none"> <input type="checkbox"/> Check ETT position on chest x-ray (tip in mid-trachea) <input type="checkbox"/> Secure ETT strapping <input type="checkbox"/> Splint the child's arms (in addition to sedation +/- muscle relaxation*) <p><i>*The PETS team will muscle-relax patients for transport while ensuring adequate sedation and, where applicable, seizure control.</i></p>
B	Intubated/Ventilated Children <ul style="list-style-type: none"> <input type="checkbox"/> visually check adequacy of ventilation (chest movement) <input type="checkbox"/> visually check capnography and pulseoximetry <input type="checkbox"/> check blood gas if possible
C	All Children <ul style="list-style-type: none"> <input type="checkbox"/> if possible, obtain 2x IV access, confirm patency of IVs <p>For Children with an unstable CVS</p> <ul style="list-style-type: none"> <input type="checkbox"/> fluid bolus at the ready <input type="checkbox"/> resuscitation doses of Adrenaline and Metaraminol at the ready <input type="checkbox"/> ensure volumes of any inotrope infusions sufficient for transport
D	Intubated/Ventilated Children <ul style="list-style-type: none"> <input type="checkbox"/> ensure volumes of any sedative infusions sufficient for duration of transport
E	Intubated/Ventilated Children <ul style="list-style-type: none"> <input type="checkbox"/> ensure volumes of any sedative infusion sufficient for duration of transport
F	Family <ul style="list-style-type: none"> <input type="checkbox"/> please advise family that in the vast majority of cases, that unfortunately they will not be able to accompany their child due to limited space in most ambulances and aircraft
G	<ul style="list-style-type: none"> <input type="checkbox"/> check blood sugar
X	<ul style="list-style-type: none"> <input type="checkbox"/> Please copy relevant documentation (medication charts, observation charts, notes) and radiology files for the PETS team to take to the receiving centre.



Where do they go ?

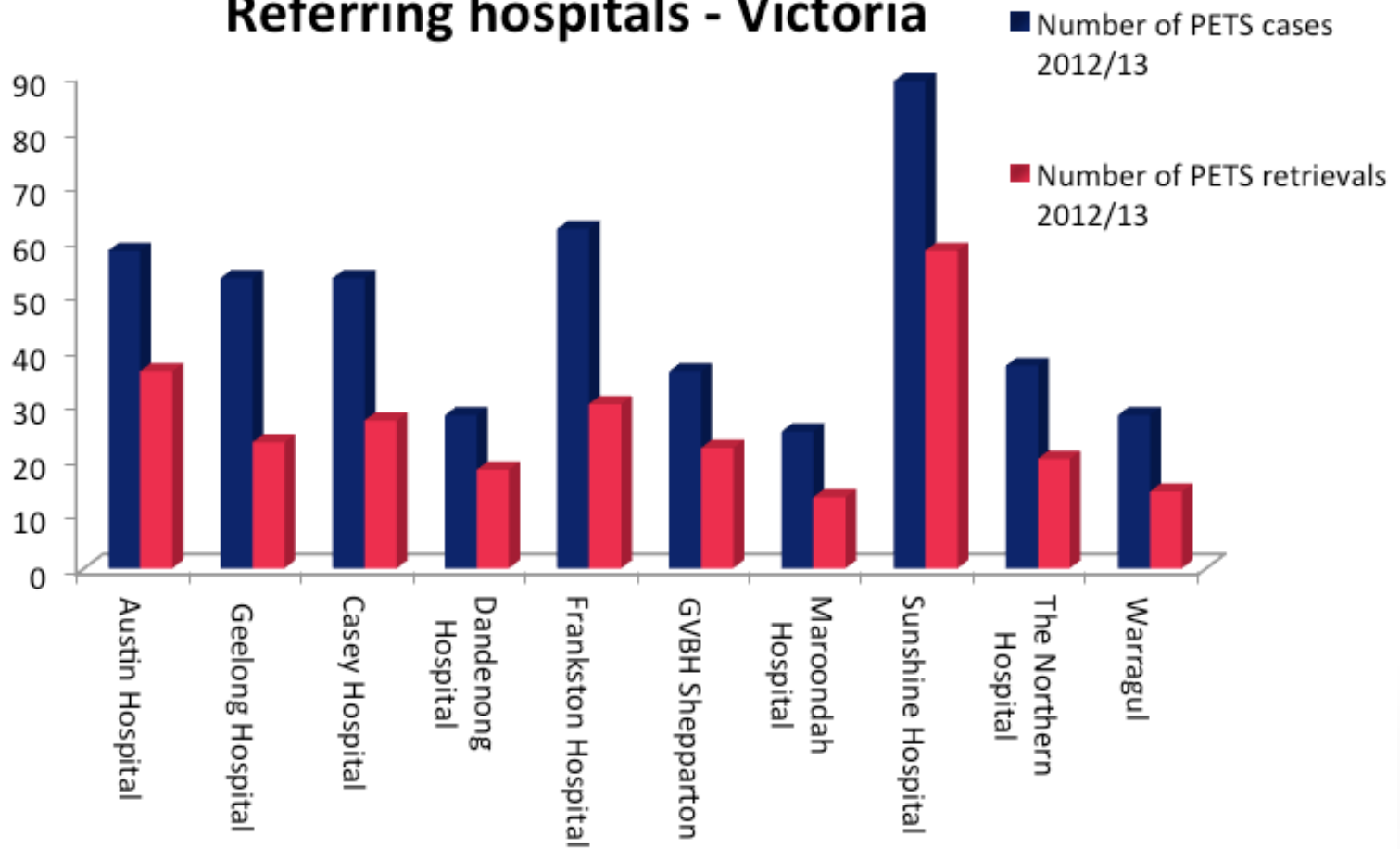


“We go everywhere man”

“We go everywhere man”



Referring hospitals - Victoria

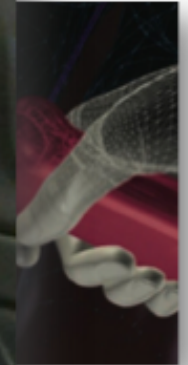
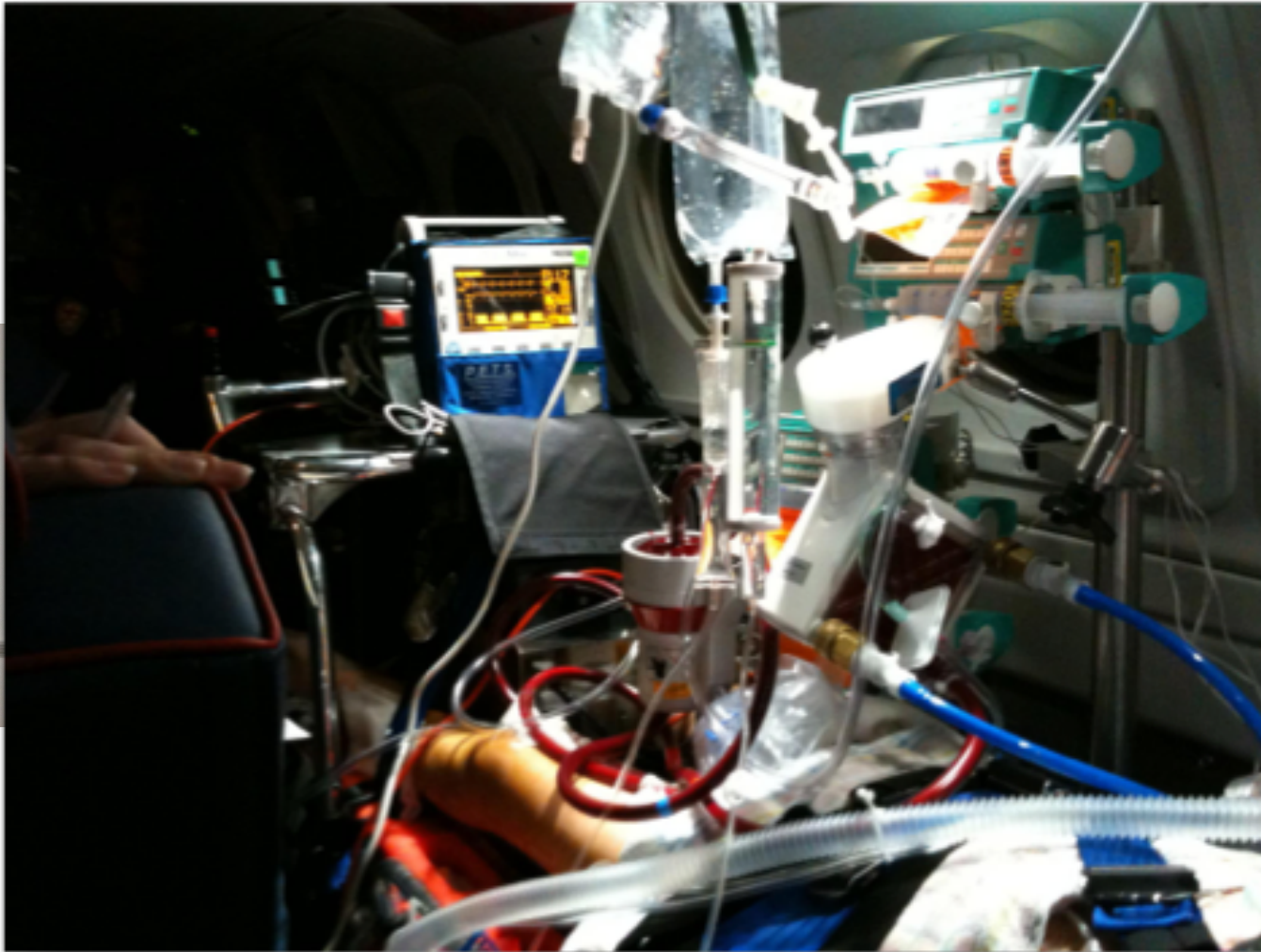


How do they travel

	2012/13
Taxi	295
Air Ambulance	97
Helicopter	49
Road Ambulance	15
Rapid Response Car	2
Commercial Airline	1



	2012/13
Taxi *	4
Air Ambulance	96
HATS	1
Helicopter	48
Road Ambulance	320
Lear Jet	0



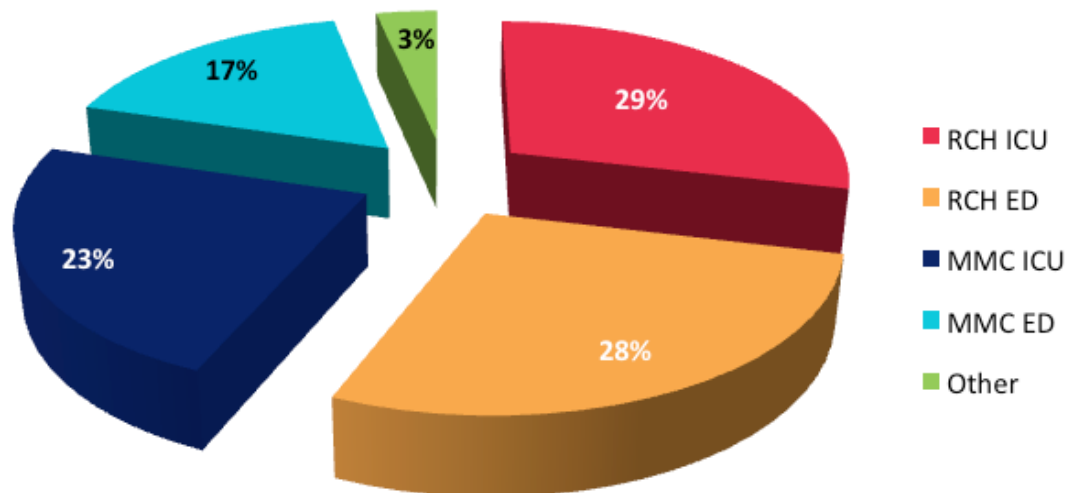
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Where will my patient go?



PETS Patient Disposition	Total	%
RCH ICU	134	29
RCH ED	129	28
Monash ICU	109	23
Monash Emergency	79	17
Other	18	3
Retrievals	469	100



DANGERS


- Equipment
- Personnel
- Logistics

Victorian Paediatric Emergency Transport Service

1300 137 650

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- Checklist -

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B	<p>Intubated/Ventilated Children</p> <ul style="list-style-type: none"> <input type="checkbox"/> ... <input type="checkbox"/> ... <input type="checkbox"/> ...
C	<p>Adrenaline and Metaraminol</p> <ul style="list-style-type: none"> <input type="checkbox"/> ... <input type="checkbox"/> resuscitation doses of Adrenaline and Metaraminol at the ready <input type="checkbox"/> ensure volumes of any inotrope infusions sufficient for transport
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DANGERS



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Website

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