

Royal Flying Doctor Service



ASA + FNA 2011 Perth





Clinical Governance

What is Clinical Governance



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What is Clinical Governance

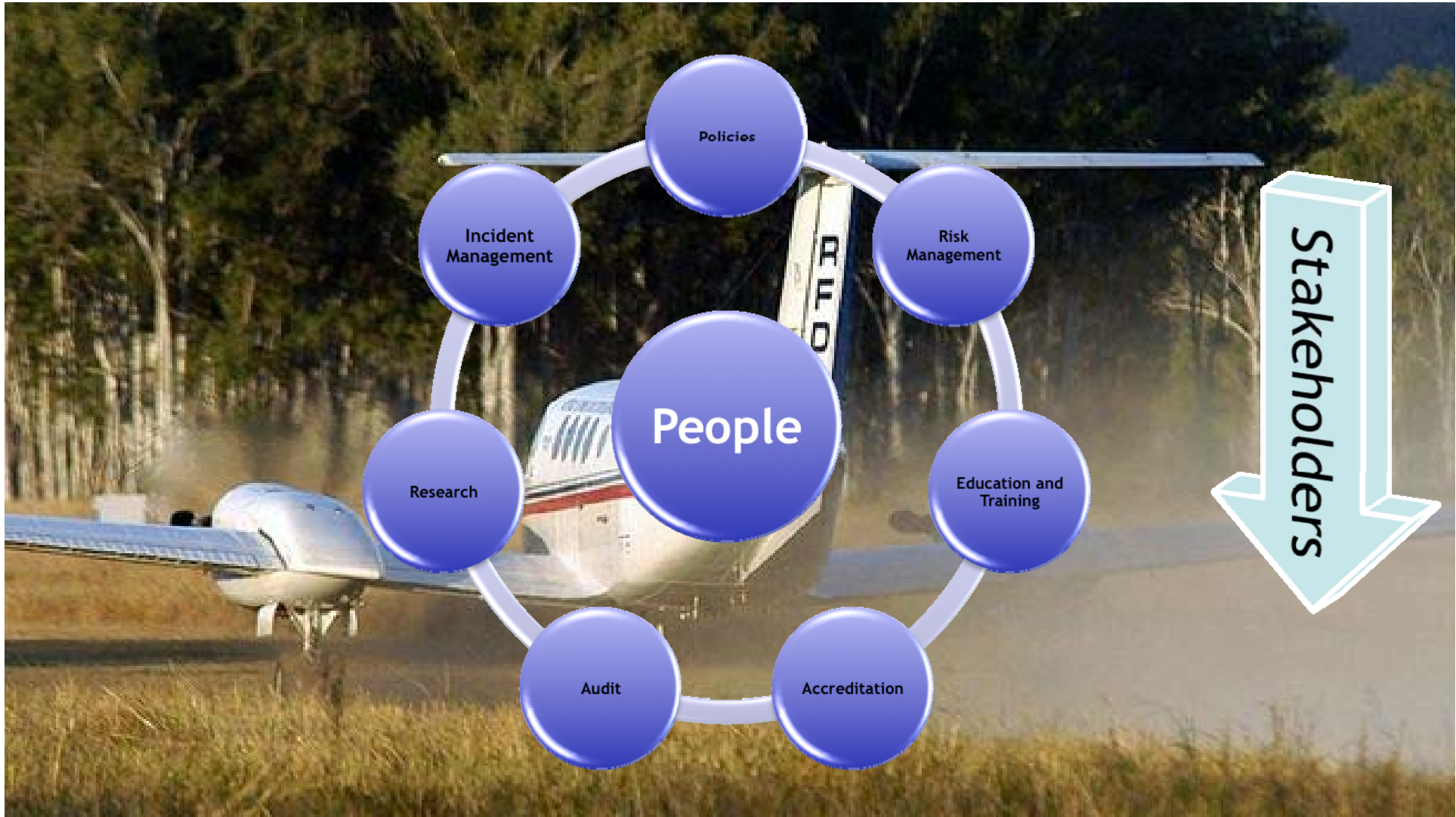
- A system which creates an environment for clinical excellence and which ensures the highest standards of clinical care are maintained
- A system that strives for continual improvement of the service

Why do we need it

- the RIGHT patient/ client **receives**
- the RIGHT treatment/ management **at**
- the RIGHT time **by**
- the RIGHT person **with**
- the RIGHT skills and knowledge **and access to**
- the RIGHT resources

Essential Requirements

- Must be embedded across the entire service
- Must become a culture rather than just an activity
- A climate of open disclosure



People

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http://jama.ama-assn.org/content/257/23/3246.full.pdf
http://jama.ama-assn.org/content/257/23/3246.full.pdf
paramedics better than flight nurses

The Impact of a Physician as Part of the Aeromedical Prehospital Team in Patients With Blunt Trauma

William G. Baxt, MD, Peggy Moody, RN

To determine whether the presence of a physician in the prehospital setting influences patient outcomes, the predicted mortality of 269 patients with blunt trauma and flight paramedics and flight physicians was compared. The study was designed to determine whether the presence of a physician in the prehospital setting influences patient outcomes. The study was designed to determine whether the presence of a physician in the prehospital setting influences patient outcomes.

Originally Posted by **candys12** [▶](#)

...I actually feel paramedics are above RN's seriously due to the life crisis and no error for mistakes on judgement...

I could not agree with you any less!

PEPE...
tioned
hospitu
author
ticipation of physicians in prehospital care, they still concluded, "with the widespread evolution of fairly sophisticated [emergency medical services] personnel throughout North America...
large number of physicians have become part of the prehospital medical treatment teams. Questions similar to those raised by Pepe and Stewart have been raised by a number of studies of these...
thors stated that "the flight physician may be more aggressive in performing invasive procedures prior to transport than would be a paramedic or nurse working through medical command"



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People

- The right person with the right skills
 - Define the clinical role
 - Define the core competencies required
 - Match the job description
 - Appropriate Credentialling
 - Appropriate Scope of Clinical Practice
 - CPD
 - Professional development plans



Performing your original search, *dr patel operated*, in PubMed Central will retrieve [486 records](#).

BMJ. 2005 July 9; 331(7508): 70.
doi: [10.1136/bmj.331.7508.70-f](https://doi.org/10.1136/bmj.331.7508.70-f).

PMCID: PMC558652

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Queensland report on deaths recommends sweeping changes

Bob Burton

▶ See "[Extradition bid is likely after findings against doctor](#)" in volume 330 on page 1468c.

A review into the clinical services at Queensland's Bundaberg Hospital triggered by the deaths and injuries attributed to Jayant Patel (BMJ 2005;330:1468) has recommended sweeping procedural changes at the hospital and at Queensland Health, the responsible government department.

Dr Patel operated on about 1000 patients while he was at the hospital between April

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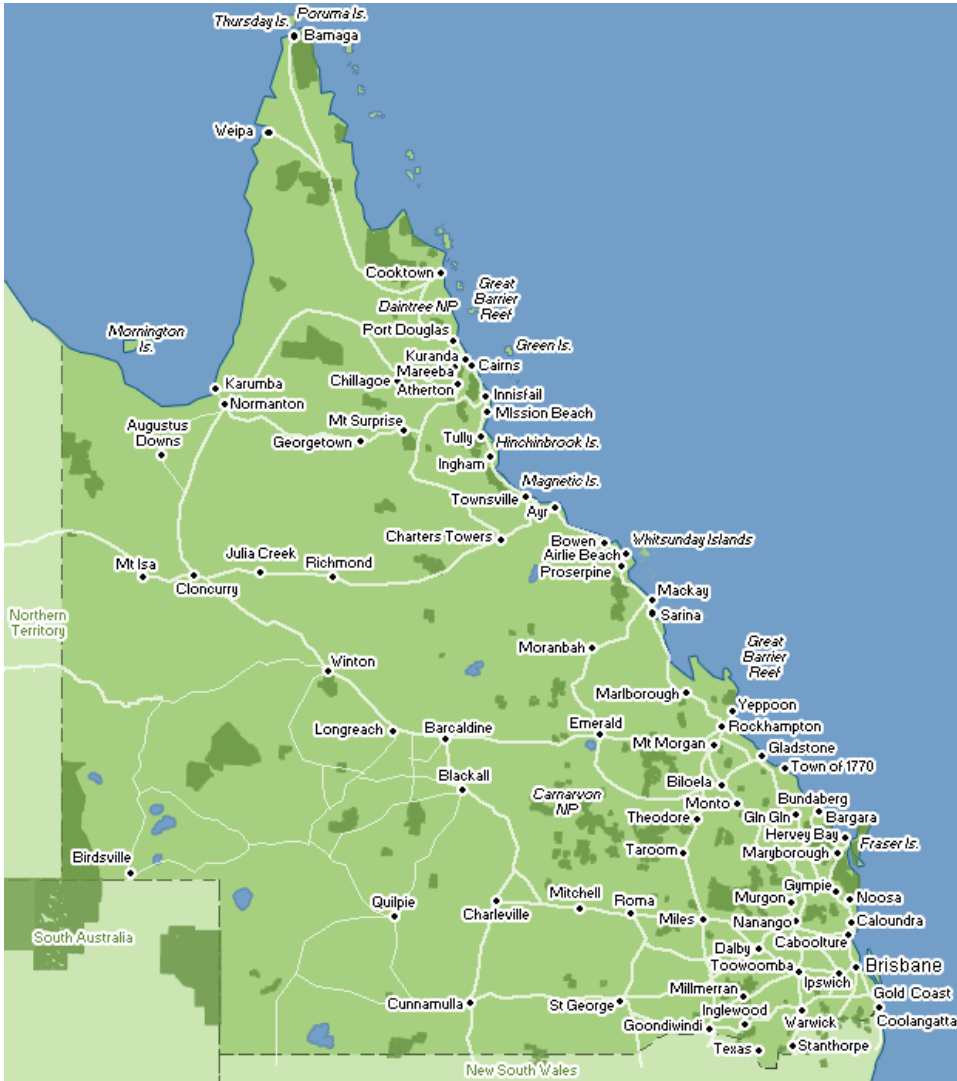
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Queensland
Government

Queensland Health

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Definition

- Retrieval Medicine
 - What is it
 - What is the knowledge base
 - What are the skills required
 - What are the core competencies
 - Who determines these

Domains of Retrieval Medicine

- History and evolution of retrieval medicine
- QEMS overview
- Retrieval physiology
- Remote patient assessment and retrieval triage



Domains of Retrieval Medicine

- Remote telemedicine
- Drugs and equipment in the retrieval environment
- Safe transport and retrieval of Obstetric emergencies
- Safe transport and retrieval of the disturbed patient



Domains of Retrieval Medicine

- Safe transport and retrieval of Cardiac patients
- Safe transport and retrieval of the infectious patient
- Safe transport and retrieval of the Paediatric patient
- Modes of retrieval transport



Domains of Retrieval Medicine

- The primary response environment
- Interfacility transportation
- Special patient groups
- Human factors



Elements of Competency

Retrieval physiology

- (a) Describe the Earth's atmosphere in relation to common aeromedical operations
- (b) Describe the main physical gas laws and their relevance to aeromedical care
- (c) Broadly explain the Oxygen dissociation curve and its relevance to aeromedical care
- (d) etc,



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Critical Aspects of Evidence

Retrieval physiology

(a) Describe the effects of altitude in terms of patient oxygenation

(b) Describe the effects of altitude on gas volume and how this affects patient care

(c) Describe the effects of aircraft noise and vibration on both patient and crew

(d) etc,



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Minimum Training

- 6/12 experience in Emergency Medicine or 12/12 experience in procedural General Practice (Emergency Medicine) **AND**
- 6/12 experience in Retrieval Medicine **AND**
- 6/12 experience in Anaesthesia or 12/12 experience in procedural General Practice (Anaesthesia) **AND**
- 6/12 experience in Intensive Care or 3/12 Intensive Care and a further 3/12 made up of any combination of Emergency Medicine, Retrieval Medicine or Anaesthetics



Adult Retrieval Medicine

Minimum Training

- Met all requirements for Adult Retrieval Medicine **AND**
- 6/12 experience in Paediatrics or 12/12 experience in a mixed Adult/Paediatric Emergency Department or 12/12 in procedural General Practice (Emergency Medicine) in a mixed AdultPaediatric Emergency Department



Paediatric Retrieval Medicine – Non Paediatrician

Minimum Training

- Met all requirements for Adult Retrieval Medicine **AND**
- Further 3/12 experience in Obstetrics and Gynaecology or 6/12 experience in procedural General Practice (Obstetrics)



Obstetrics Retrieval Medicine – Non Obstetrician

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The National Standard

The Australian Council for Safety and Quality in Health Care published the national standard in 2004 as part of its annual report presented to the Australian Health Ministers' Conference at its meeting on 29 July 2004. The rationale for developing a national standard was attributed to a number of factors, including:

- increasing complexity and diversity of clinical procedures as a result of technology
- increasing mobility of Medical Practitioners in their place of professional practice
- increasing recognition of the legal responsibility of the health service to provide services that are safe and of high quality



Credentialing

Credentialing is the formal process used to verify the qualifications, experience, professional standing and other relevant professional attributes of a Medical Officer for the purpose of forming a view about their competence, performance and professional suitability to provide the specified safe, high quality health care services required within the service



Scope of Clinical Practice

Scope of Clinical Practice is the formal process of specifying the actual clinical practice that a Medical Officer can undertake within the service. The Scope of Clinical Practice will be specific to the individual. This was previously referred to as the granting of Clinical Privileges.



Scope of Clinical Practice – Retrieval Medicine

- Credentialed as a Medical Specialist
- Compliant with the Minimum Training

AND



The Committee will consider the application against any specific criteria that have been developed or are the accepted standard for each area in which a Scope of Clinical Practice is sought.

Where they exist each application will also be considered in relation to the **clinical domains and core competencies** that have been delineated for the relevant clinical area in which a Scope of Clinical Practice is sought.



What Type of Specialist ?

The applicant must possess a specialist qualification that is recognised by the Medical Board of Australia.

A specialist qualification confers eligibility to apply for a SoCP in Retrieval Medicine but of itself does not fulfill all the requirements.



Dear Dr Ramin

I am pleased to advise that, based on recommendation from the Division of Chief Health Officer's Committee for Credentialing and Scope of Clinical Practice ('the Committee'), you have been granted the following defined scope of practice within the Division of Chief Health Officer.

Credentialing and scope of practice as follows:

Facility	Scope of Practice	Service Capability	Review Date
DCHO	Retrieval Medicine and Medical Coordination (Specialist)	Approved within the Clinical Services Capability Framework Levels of the Facility	28 th March 2014

This scope of practice is effective from the date of this letter.

Grandfather Process

It is recognised that there would be many doctors who have worked in Retrieval Medicine for many years prior to the introduction of these criteria who do not meet all the requirements

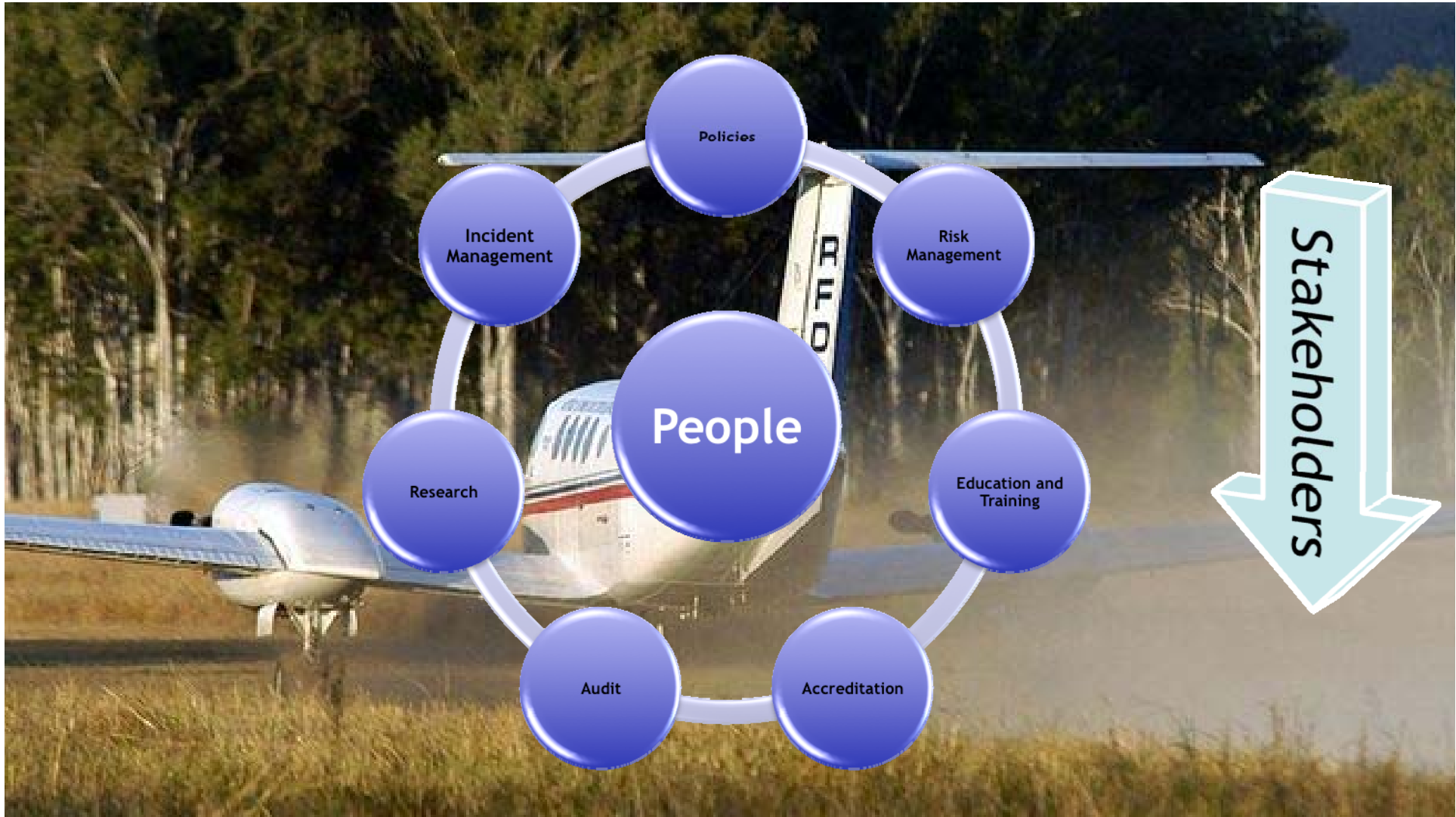
A Grandfather process will allow a one off opportunity for these doctors to be considered for a Scope of Clinical Practice on the basis of their significant experience prior to the introduction of these new minimum standards.



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Policies and procedures

- Review of current policies
 - Do they incorporate patient safety
 - How are they reviewed
 - Who reviews them
 - How often does this occur
- Process for new policy development





re·search¹ /rɪˈsɜːtʃ,

[plural] 1 serious st- / n [U]

discover new facts

research into

student

lab

going some research

the done some research

| Education & Training

- Internal
- External
- College based
- Formal academic
- CPD requirements
 - Nil exist for AME in Australasia



[Link to Domains and Competencies](#)

The RFDS STAR Program >

University Based
Academic Programs
Postgraduate Certificate,
Diploma or Masters in
Retrieval Medicine



The RFDS STAR Program >

Specialised Training in Aeromedical Retrieval >

The Royal Flying Doctor Service (Queensland Section) transports over 10,000 patients per year – that's almost 30 every single day – which means that our teams have an enormous wealth of experience in all aspects of aeromedical retrieval. Furthermore, the geography of Queensland means that much of this work is conducted in remote areas with long transport times to definitive care.

The retrieval and transport of critically ill patients remains one of the most challenging aspects of modern medicine. There is a requirement for practitioners to possess a broad range of critical care skills and be able to apply them in a highly restrictive and unpredictable environment.

The RFDS (Queensland Section) has combined all of its expertise into creating the **RFDS STAR Program - Specialised Training in Aeromedical Retrieval**. The major focus of this program is to improve the delivery of clinical care in aeromedical retrieval. This will give you the opportunity to receive training and education in all aspects of this challenging discipline.

University based program >

A key component of the RFDS STAR Program is the development of a formal academic University based program in Retrieval Medicine. We are, therefore, now in the advanced planning stages of developing such a program with a major Australian University.

These programs will offer a uniquely different postgraduate experience.

The program will include a:

- > Postgraduate Certificate in Retrieval Medicine
- > Diploma in Retrieval Medicine
- > Masters in Retrieval Medicine

These programs will be directly linked to an Australian Medical School ensuring they will benefit from the highest levels of both academic and clinical expertise.

Curriculum >

These programs will offer a uniquely different postgraduate experience, with a curriculum that captures all the elements that make up retrieval medicine, an experienced and supportive faculty and a totally immersive approach to learning. The teaching methodology will include a combination of lectures, tutorials, projects, presentations, assignments, examinations, simulation and residential workshops.

Core subjects >

The Postgraduate Certificate comprises four core subjects:

- > Principles of Retrieval Medicine
- > Retrieval Physiology
- > The Retrieval Environment
- > Clinical Retrieval Medicine

The Diploma comprises an additional four core subjects:

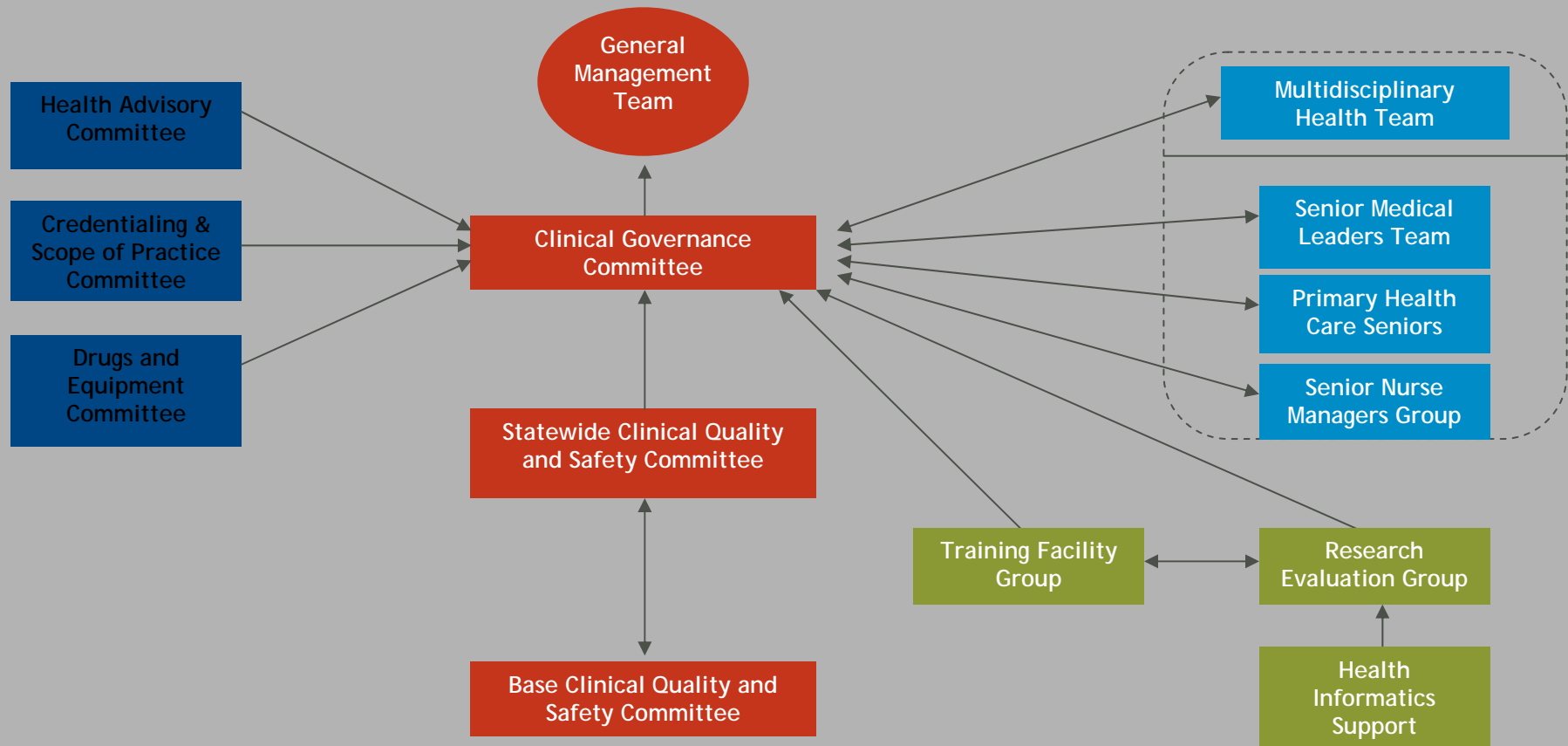
- > Human Factors and Retrieval Medicine
- > Organisational Aspects of Retrieval Medicine
- > Special Considerations in Retrieval Medicine
- > Research Methods in Retrieval Medicine

The Masters will be an innovative program that combines course work with research. Applicants, in partnership with Faculty, will need to give due consideration to the specific research topic they wish to investigate.



RFDS
STAR PROGRAM
Specialised Training in
Aeromedical Retrieval

Responsibilities, accountabilities and oversight for our Clinical Governance Framework



Summary

- Every service needs clinical governance
- Clinical governance requires everybody to be involved
- Patient and staff safety is the common denominator in everything we do
- The right person for the job is the one specifically trained for the job
- Every service should strive to undertake research
- You can never be good enough !



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