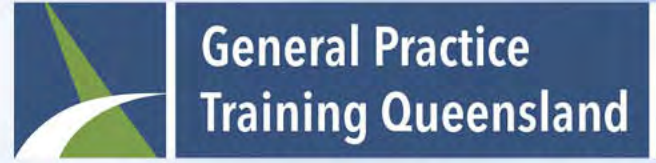




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YEARS  
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**HEALTH PROFESSIONALS WEBINAR SERIES**

# COVID-19 at the Coalface

**TUESDAY, 7 JULY 2020**

7:00PM QLD/NSW/ACT/VIC, 6:30PM SA/NT, 5:00PM WA



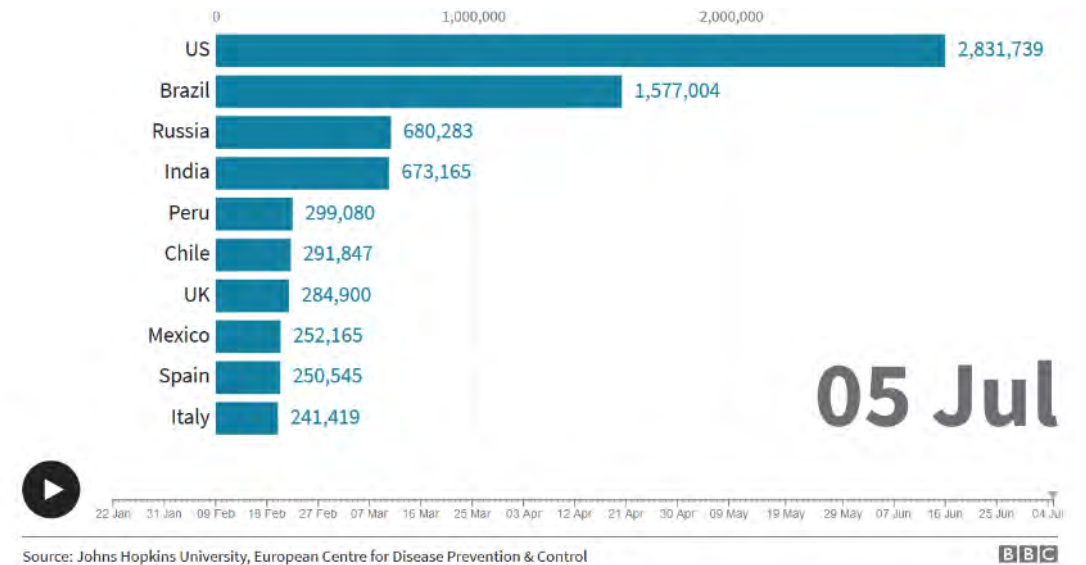
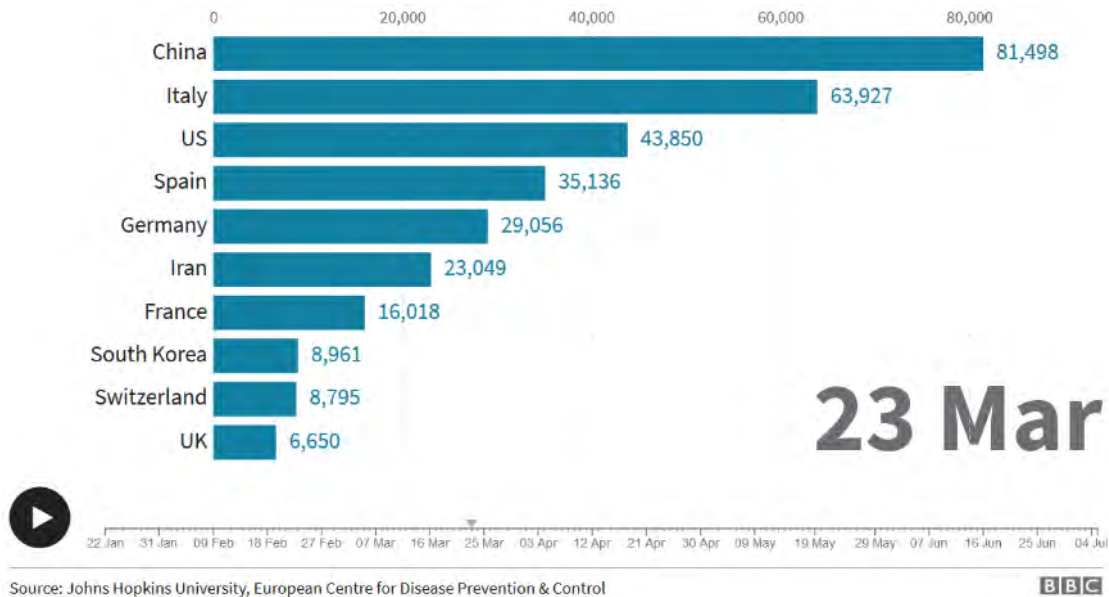


# Webinar Panellists

- **Dr Sally Eyton** *MBBS, DCH, DRCOG*, & **Dr Mark Hobbs** *MBBS, MRCP*  
GP Partners, Cobham Health Centre (13,500 patients), Surrey, UK.
- **Dr Raz Mahroof** *MRCP, FRCA, EDIC, FFICM*  
Consultant in Critical Care Medicine and Anaesthesia, John Farman ICU,  
Addenbrooke's Cambridge University Hospitals NHS Trust, UK.
- **Jane Olds** *RN*  
Matron Adult Critical Care, Addenbrooke's Cambridge University Hospitals NHS Trust, UK.
- **Dr Matthew Davidson**, *MBChB, BMedSci*  
Doctor in training in the Acute Common Care Stem (Anaesthetics, Intensive care, Emergency  
Medicine & Acute Medicine), North-East UK.



# Reported Cases of Covid-19 worldwide







# Primary Care - UK Experience

- Worries and Concerns:
  - Personal & professional
  - Catastrophizing
- Guidance vs Proactivity:
  - News and guidelines
- Practicalities – change to working practices:
  - Triage
  - Video conferencing
- Keeping staff and clinicians on side
  - Daily staff meetings
  - Whatsapp groups
  - Risk Assessments
- Patient perspective
  - Clap for the NHS
  - Keeping away
  - Appreciative of access
- Forward planning
  - General practice changed forever?





# Practicalities – GP Clinic

- Consulting and Appointments
  - Triage all remotely
  - Video conferencing
  - Reduce face to face – close doors
  - Stopped all routine work
- Hot sites and Visiting COVID patients
- Risk assessments
  - Patients & shielding
  - Clinicians
  - BAME
- Working from home
  - IT changes, apps and progress



- Premises
  - Set aside hot rooms (cleaning)
  - PPE & scrubs
  - Home visiting packs
  - Advice boards, floor stickers and screens
  - One-way systems
- Care and Nursing Homes
  - Early lockdown(?) and remote services
- Community hospital ward cover and implication for workload
- Early run on medication requests



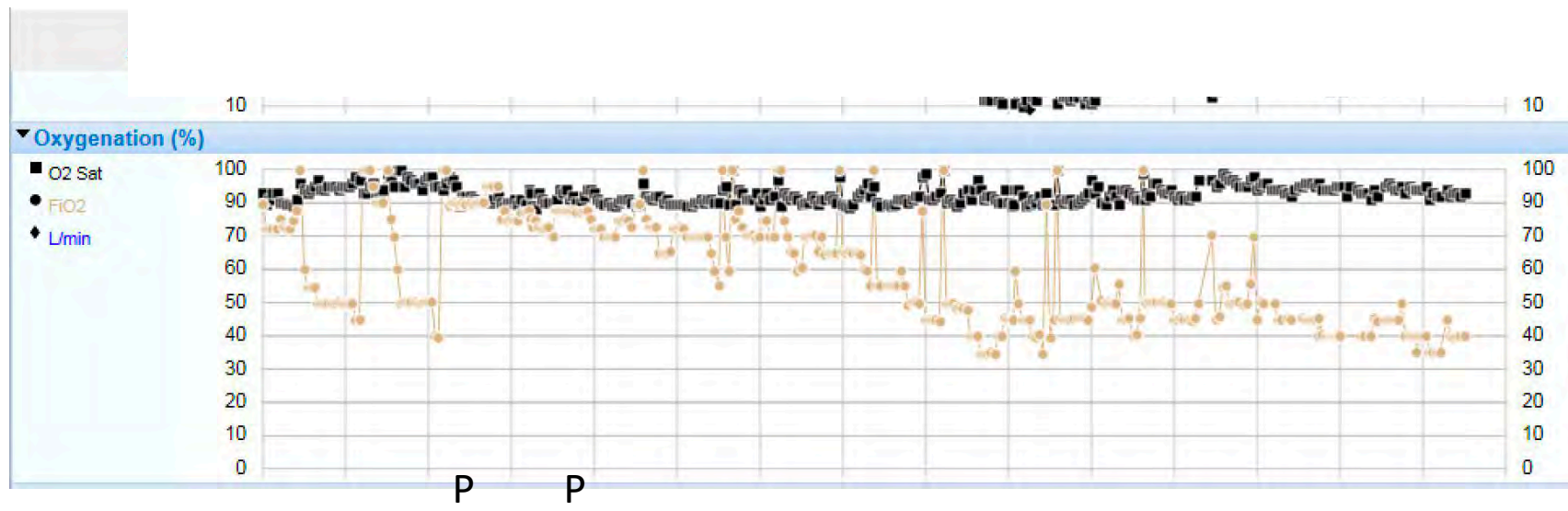
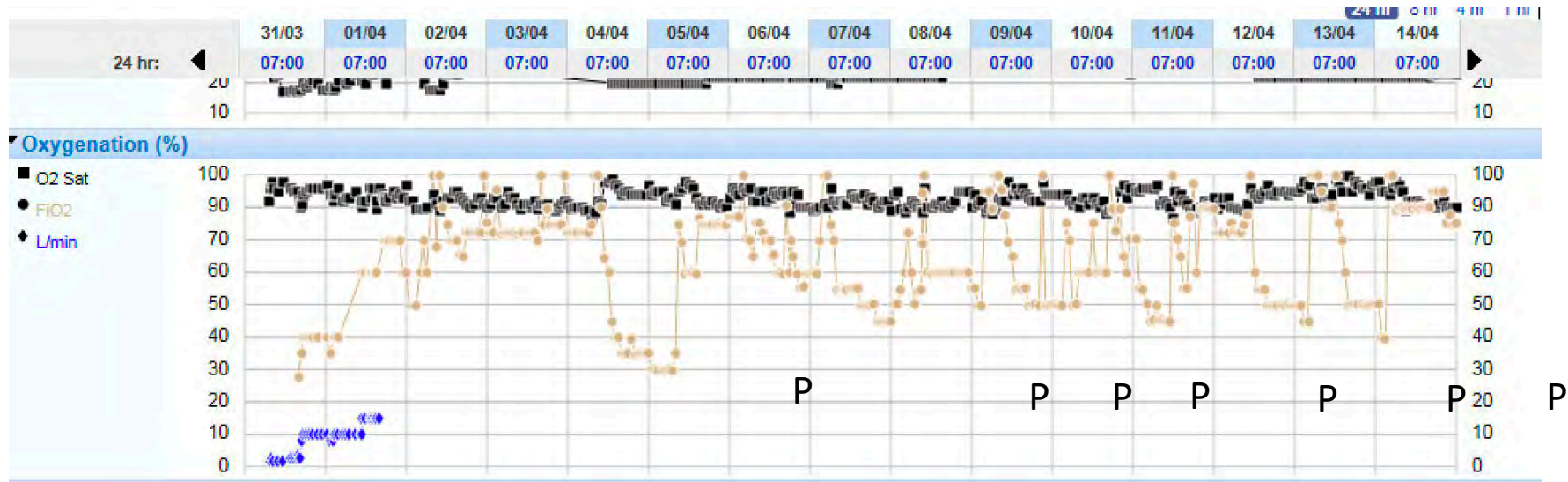
# ICU Experience

Dr Razeen Mahroof, Consultant in Anaesthesia and Intensive Care Medicine, Addenbrooke's Hospital, Cambridge

- Local epidemiology
- Disease presentation and patterns
  - Phenotypic subtypes?
- Clinical challenges
- Some organisational aspects
- Practical issues inc. practice/communication whilst in PPE
- Evolving knowledge and best practice, publication governance
- Resource and bed management, inc isolation







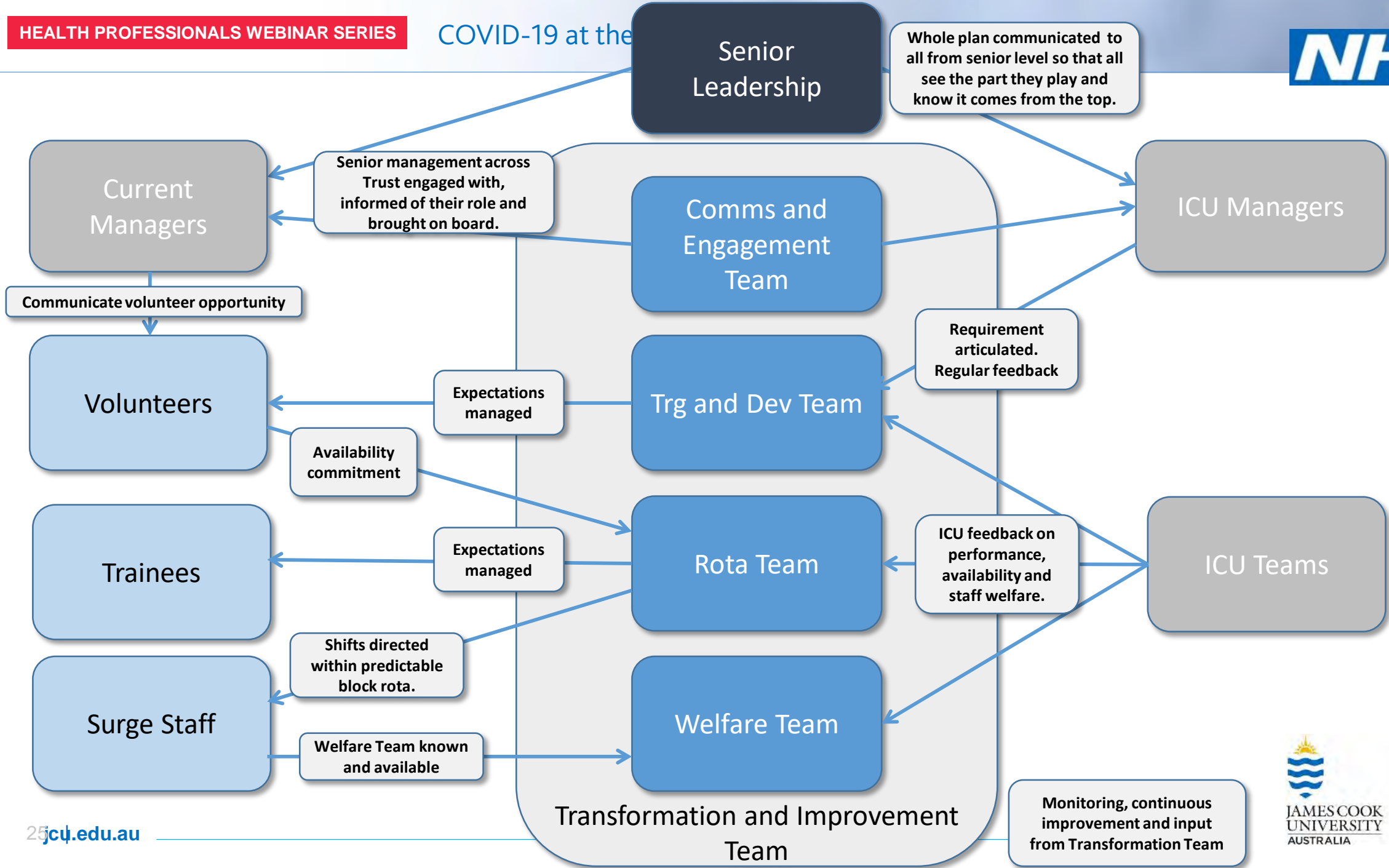
# Hospital Preparation

Jane Olds, RN, Matron Adult Critical Care

- Staff - training, rapid learning, rapid change
- PPE – mask fit testing
- Equipment
- Disposables - procurement chains
- Drugs
- Changing the way we work
- Communication (next slide)









# Doctor in Training Experience

## Dr Matthew Davidson

- Acute Common Care Stem (Anaesthetics, Intensive care, Emergency Medicine and Acute Medicine) Year 1 (PGY5)
- Current Placement in Emergency Medicine
- Managed a variety of COVID 19 positive patients
- 8 Bed COVID 19 'POD'
- Training modifications due to COVID 19

## 3 patients, 3 ABGs

	52 F	59M	75M
pH	7.51	7.50	7.51
pCO <sub>2</sub> (mmHg) (35-45)	32	31	34
pO <sub>2</sub> (mmHg) (75-100)	69	51	70
HCO <sub>3</sub> <sup>-</sup> (mEq/L) (22-28)	25	23	26.9
FiO <sub>2</sub>	80-100%	80-100%	80-100%
P/F ratio (>400)	86	63	87



# Challenges

- **Personal**
  - Family and Friends
  - Colleagues
  - Self Isolation
  - Lockdown
- **Government input**
  - Evolving advice
  - Herd Immunity vs track and trace
  - PPE guidance
- **Evolving Evidence Base**
  - Misinformation
  - Lack of treatment data
  - Emerging advice on extant treatments
- **Training**
  - ARCP suspended
  - Medical students graduated
  - Re-deployment
  - Cancelled exams
  - Cancelled theatre time/procedures
- **Patient concern**
  - Over presentation
  - Under presentation
  - Hospital referrals (cancer)
  - GP telephone/video consultations
  - Financial difficulties
- **Demographic issues**
  - BAME mortality
  - Chemotherapy/immunosuppressants
  - Risk assessments for health care workers
  - Frail patients with DNACPR orders





# Where to from here?

- Post ICU
- Increase in patients presenting
  - Trauma, neurosurgery
- Staff wellbeing
  - Staff who have and haven't worked during pandemic
- After action reviews
- Debriefing
- New ways of working
- Future pandemic planning

HEALTH PROFESSIONALS WEBINAR SERIES

# COVID-19 Communicable Disease Control

**TUESDAY, 14 JULY 2020**

7:00PM QLD/NSW/ACT/VIC, 6:30PM SA/NT, 5:00PM WA





# Thank you

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