

## Appendix 2

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

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## Appendix 2 Alignment of research outcomes with relevant ACFJD competencies<sup>a</sup>

1. Clinical Management	2. Professionalism	3. Communication	4. Clinical Problems and Conditions	5. Skills and Procedures
1.1 Safe Patient Care	2.1 Doctor & Society	3.1 Patient Interaction	4.2. Dermatological (30)	5.1. General
1.1.1Systems	2.1.1 Access to healthcare	3.1.1. Context (27, 29, 31)	4.3. Neurological	5.1.1. Measurement
1.1.1.1 Works in ways which acknowledge the complex interaction between the healthcare environment, doctor & patient (27, 29, 30, 32)b	2.1.1.2. Provides access to culturally appropriate healthcare (27, 29, 33)	3.1.1.1. Arranges an appropriate environment for communication, e.g. private, no interruptions (27, 29)	4.3.2. Seizure disorders (16)	5.1.1.1. Blood pressure (16, 30, 31)
1.1.4 Public health (30)	2.1.1.3. Demonstrates a non- discriminatory approach to patient care (27, 29, 33)	3.1.1.2. Uses principles of good communication to ensure effective healthcare relationships (27, 29, 32)	4.4. Musculoskeletal	5.1.5. Respiratory
1.1.4.2 Acts in accordance with the management plan for a disease outbreak (30)	2.1.2 Culture, society & healthcare (33)	3.1.2. Respect (27, 29, 33)	4.4.1. Joint disorders (16)	5.1.5.4. Laryngeal mask airway (LMA) & endotracheal tube (ETT) placement (ADV)
, ,	2.1.2.1. Behaves in ways which acknowledge the social, economic & political factors in patient illness	3.1.2.1. Treats patients courteously & respectfully, showing awareness & sensitivity to different backgrounds (27, 29, 33, 34)	4.5. Circulatory	5.1.7. Injections
1.2 Patient Assessment	2.1.2.2. Behaves in ways which acknowledge the impact of culture, ethnicity & spirituality on health (27, 29, 31, 33, 34)	3.1.2.2. Maintains privacy & confidentiality (27, 29, 33)	4.5.3. Chest pain (16)	5.1.7.1. Intramuscular injections (30)
<b>1.2.2 History &amp; examination</b> (16, 32)	2.1.2.3. Identifies his/her own cultural values that may impact on his/her role as a doctor (33)	3.1.2.3. Provides clear & honest information to patients & respects their treatment choices (27, 29, 33)	4.6. Respiratory	5.5. Mental Health (34)
1.2.2.2 Elicits symptoms & signs relevant to the presenting problem or condition (16)	2.1.3. Indigenous patients (33)	3.1.3. Providing information	4.6.3. Cough (16)	5.6. Women's Health (30)
1.2.2.3 Undertakes & can justify clinically relevant patient assessments (27, 29)	2.1.3.1. Behaves in ways which acknowledge the impact of history & the experience of Indigenous Australians (27, 29, 33)	3.1.3.1. Applies the principles of good communication (e.g. verbal & non-verbal) & communicates with patients & carers in ways they understand (27, 29)	4.9. Renal / Urogynaecological	5.6.6. Endocervical swab / PAP smear (30)
1.2.3 Problem formulation (32)	2.1.3.2. Behaves in ways which acknowledge Indigenous Australians' spirituality & relationship to the land (27, 29, 33)	3.1.4. Meetings with families or carers (32)	4.9.7. Contraception (30)	5.8. Surgical
<b>1.2.4 Investigations</b> (16, 27, 29)	2.1.3.3. Behaves in ways which acknowledge the diversity of Indigenous cultures, experiences & communities (27, 29, 33)	3.2. Managing information	4.13. Nutrition/Metabolic (30)	5.8.2. Assisting in the operating theatre (30)
1.2.5 Referral & consultation (30)		3.2.1. Written (33)	4.15. Psychiatric / Drug & Alcohol (30)	5.8.3. Surgical knots & simple wound suturing (30)
1.4. Patient Management	2.1.4.1. Compiles with the legal requirements of being a doctor e.g. maintaining registration (32)	3.2.1.1. Complies with organisational policies regarding timely & accurate documentation (27, 29)	4.15.2. Depression (30)	5.8.5. Simple skin lesion excision (30)
1.4.7 Discharge planning (31)	2.1.4.3. Respects patient privacy & confidentiality (27, 29, 33)		4.15.6. Addiction (smoking, alcohol, drug) (30, 31)	<b>5.9 Ear, Nose &amp; Throat</b> (30)
1.4.7.1 Identifies the elements of effective discharge planning e.g. early, continuous, multidisciplinary (31)	2.1.5. Medicine and the law (32)	3.2.2. Electronic	4.16. Infectious Diseases	<b>5.10. Opthalmic</b> (30)
	<b>2.1.6. Health promotions</b> (30, 33)	3.2.2.2. Uses electronic resources in patient care e.g. to obtain results, discharge summaries, pharmacopoeia (27, 29)	4.16.3 Sexually transmitted infections (STI) (30, 33)	
	2.1.6.1. Advocates for healthy lifestyles & explains environmental & lifestyle risks to health (31, 33)	3.2.2.3. Complies with policies regarding information technology e.g. passwords, e-mail & internet (27, 29)	4.20. Critical Care / Emergency	
	2.1.6.2. Uses a non-judgemental approach to patients & his/her lifestyle choices (e.g. discussed options; offers choice) (33) 2.1.6.3. Evaluates the positive &	3.2.3. Health records (33) 3.2.4.2. Uses best available	4.20.6. Domestic violence (30)	
	negative aspects of health screening & prevention when making healthcare decisions (ADV) (33)	evidence in clinical decision-making (ADV) (32)		
	2.1.7. Healthcare resources (33) 2.1.7.1. Identifies the potential impact of resource constraint on patient care (33) 2.1.7.2. Uses finite healthcare	3.3. Working in Teams (31, 32) 3.3.1. Team structure (31) 3.3.1.1. Identifies the healthcare		
	2.1.7.2. Uses finite healthcare resources wisely to achieve the best outcomes (33)  2.1.7.3. Behaves in ways that	<ul> <li>3.3.1.1. Identifies the hearthcare team (e.g. medical team, multidisciplinary stroke team) most appropriate for a patient (31)</li> <li>3.3.1.3. Identifies that team leaders</li> </ul>		
	acknowledge the complexities & competing demands of the healthcare system (ADV) (30, 33)  2.2. Professional behaviour	can be from different health professions & respects their roles (31) 3.3.2.3. Demonstrates flexibility &		
		ability to adapt to change (32)  3.3.4. Case presentation (16)		

	2.2.1.1. Behaves in ways which acknowledge the professional responsibilities relevant to his/her health care role (32, 33)     2.2.1.2. Maintains an appropriate standard of professional practice & works within personal capabilities (32)     2.2.1.3. Reflects on personal experiences, actions & decision-making (30, 32, 33)	3.3.4.1. Presents cases effectively, to senior medical staff & other health professionals (16)		
	<b>2.2.2. Time management</b> (30, 32, 33)			
1. Clinical Management	2. Professionalism	3. Communication	4. Clinical Problems and Conditions	5. Skills and Procedures
	2.2.3. Personal well-being (32, 33)			
	2.2.4. Ethical practice (32) 2.2.4.1. Behaves in ways which acknowledge the ethical complexity of practice & follows professional & ethical codes (33) 2.2.6. Doctors as leaders (33) 2.2.7. Professional development (32)			
	2.3 Teaching, Learning & Supervision			
	2.3.1. Self-directed learning (16, 32)			
	2.3.1.1. Identifies & addresses personal learning objectives (32)     2.3.1.3. Seeks opportunities to reflect on & learn from clinical practice (32)			
	2.3.1.4. Seeks & responds to feedback on learning (16) 2.3.2. Teaching			
	2.3.2.4. Evaluates and responds to feedback on own teaching (30)			
	2.3.3. Supervision			
	2.3.3.2. Adapts level of supervision to the learner's competence & confidence (16)			
	2.3.4. Assessment & feedback			
	2.3.4.2. Participates in feedback & assessment processes (30)			

Other	Assist with child birth (30)	Immunisation / vaccination (33)	Primary health care in Indigenous	Deeper understanding of health
			communities (27, 29, 33)	and illness (27, 29, 33)
	Otitis, media & externa (16)	Lymphatic system, enlarged notes (16)	Men's health (16)	Respiratory system, bronchitis (16)
	Medication, diagnose side effects & interactions (16)	Personal and professional growth (27, 29, 33)	Support from trainers (16)	Autonomy (16, 27, 29)

- a. Format and numbering adapted from the Australian Curriculum Framework for Junior Doctors. This is not the complete ACFJD as only applicable items have been included.
- b. Numbers in brackets refer to the references listed in Appendix 1.