

### Minimum Data List: Major Milestones Achieved

The following is a record of the major milestones achieved with regard to the finalisation of the minimum data list, since the commencement of the project in 2004.

1. An initial data set was proposed at the outset of the Project. This proposed data set was the work of an earlier Working Group from the Rural Programs Evaluation Project. Proposed Data Set:

#### Demographic Data

- Medical School
- Gender
- Age
- Aboriginal or Torres Strait Islander
- Domestic/International
- Rural/ urban origin
- State/ Territory of birth
- Ethnicity (first language spoken at home)
- Schooling:
  - Private/ public secondary
  - Previous tertiary study, degree and university
- Visa status
- Marital status
- Employment
- Dependents
- Parents background/ occupation

#### Educational Data

- P/t or f/t study
- Scholarship/s, eg. JFSS, MRBS, RAMUS, State-based, other
- Bonded place (non-scholarship)
- Entry scheme, eg. rural entry, indigenous etc.
- Rural or other relevant club/association membership
- Study experiences:
  - Clinical rotations/placements
  - Research projects, and/or Honours study
  - RCS (location, years)
  - RUSC placements (location, duration, how many)
  - UDRH placements
  - Electives (overseas, rural etc)
  - John Flynn Scholarship placements
- Satisfaction with each program

#### Qualitative Data

- Future plans:
  - Discipline
  - Location, eg. rural/ urban/ overseas
  - Area of medicine, eg. academic, specialist, administrator etc.
- Satisfaction with course overall
- Intern placement preferences
- Future contact details or contact person

2. May-July 2004: Project Officer conducted visits to Medical Schools to undertake an audit of current data collection/ storage mechanisms and data sets to assess how the national database could complement and/or utilise pre-existing systems, and to map which data items medical schools needed to begin collecting.
3. Medical Schools were required to submit an Audit & Feedback Template designed to document the data auditing process. A long and ongoing consultation, discussion and feedback process has been conducted with the Medical Schools as well as taking into consideration recommendations made by researchers in the area of medical students' outcomes.
4. At the Medical Schools Outcomes Database Steering Committee meeting of 22 July 2004, it was agreed to set up a small working group (Minimum Data List Working Group) comprising Prof John Humphreys (Convenor), Prof Dawn deWitt, Prof Paul Worley, Mr Tony Hyland, Prof Teng Liaw, Dr Mary Harris/ Mr Paul Gavel & Ms Baldeep Kaur to:
  - develop some principles to guide the development of the minimum data set, and
  - consider the development of the data items, sentinel indicators, sources for obtaining these data items, and the rationale for their collection.

This group (Prof John Humphreys, Prof Teng Liaw, Dr Mary Harris and Ms Bal Kaur) met on 31 August 2004. A set of guiding principles were developed as a result of the discussion which formed the basis for guiding the national workshop discussion of data list.

#### Guiding principles:

- (i) *Minimum data set* - the choice of indicators underpinning the data set should be as parsimonious as possible. (Note: Prof Rabinowitz's experience that something less than 15% of the Jefferson database is actually used).
- (ii) *Simplicity* - the data set should be based on simplicity and ease of collection.
- (iii) *Necessity and relevance* - data items must accord with the purpose and objectives of the project. Hence, each data item should be underpinned by a clear and explicit rationale for its collection consistent with a clear idea of what the project seeks to know.
- (iv) *Sufficiency* - in the case of complex concepts (such as rurality, aboriginality, ethnicity etc), choice of indicators should be sufficiently comprehensive to capture the concept without information gaps and overlaps.
- (v) *Rurality* - the choice of geographical unit (birthplace, school location etc) should be at the lowest level of aggregation, thereby maintaining a building block that can be melded into higher-level groupings or taxonomies over a long period of time.
- (vi) *Avoiding duplication* - the data set should build on existing availability of data, such as the ABS, DEST, etc.
- (vii) *Consistency and precision of definitions* - the minimum data indicators should be clearly and precisely defined and agreed to in order to ensure consistency across all medical schools for purposes of monitoring and longitudinal assessment. Where tried and true data definitions exist (such as ABS), these should be used.
- (viii) *Stability* - the data items should be sufficiently stable for longitudinal assessment of policy effects through time-series analysis.
- (ix) *Objectivity* - the indicators of data items should be based on objective measurement and minimise subjectivity in their definition.
- (x) *Confidentiality* - no data item should violate confidentiality requirements.
- (xi) *Difficulty* - If indicators cannot be easily and unambiguously collected for any variable, the data item should not be collected.
- (xii) *Ownership* - The database remains the property of CDAMS.
- (xiii) *Additional material* - The database will be constructed such that each university can add specific items relevant to its own purposes.

5. A revised minimum data list was presented for discussion at the National Workshop 2-3<sup>rd</sup> Sept 2004. The workshop group provided further input into the data items.

6. CDAMS Annual Meeting, 7<sup>th</sup> October 2004 – presentation of a penultimate data list and further opportunity for Deans and Faculty Managers to provide feedback.
7. November 2004 – Results from the national audit and visits to Medical Schools showed that the demographic data items are collected in a variety of ways and stored in a myriad of systems that were incompatible with each other. It was concluded that it was logistically too difficult to coordinate and consolidate these systems at a national level. Minimum Data List Working Group made a decision to collect some of the data items via an Entry Questionnaire. The Group revised the 2004 CDAMS Entry Survey for Commencing Students in line with the demographic and identifying data items and constructed a new MSOD Commencing Medical Students Questionnaire.
8. Feb-Mar 2005 - MSOD Commencing Medical Students Questionnaire (pilot version) was piloted at six Medical Schools.
9. Minimum Data List Working Group continued to work on the remaining data items, which were mainly data items relating to a student's educational experiences. The process proved to be complex as the study experiences and curriculum structures varied across the Medical Schools and it was difficult to standardise the data.
10. At the Medical School Outcomes Database Steering Committee meeting of 30<sup>th</sup> Mar 2005, there was consensus that Faculty Managers who deal closely with students and their study experiences are the most appropriate individuals to consult about identifying the educational data items. Therefore, the Steering Committee proposed that a small team of selected Faculty Administrators from the Medical Schools meet to discuss and identify the indicators for the educational data to be collected from the Medical Schools. This group, known as the Administrators Advisory Group met in Sydney on Thursday 21<sup>st</sup> April 2005 for a half-day workshop. A revised and shortened educational data set was developed which was intended to be broad enough to capture all necessary core information on clinical and rural placements, but flexible enough to accommodate the wide range of differences across medical schools vis a vis the management of those placements.
11. The recommendations of the Advisory Group were forwarded to the MSOD Project Steering Committee for feedback and endorsement. Some members of the Steering Committee expressed concerns about the exclusion of data items that measured future intentions as this had implications for the longitudinal tracking of the medical students.
12. Recommendations of the Advisory Group and feedback/ concerns from the Steering Committee members were considered thoroughly by the MSOD Project Executive members (Prof Coats, Prof Prideaux, Prof Humphreys, Ms Brown and Ms Kaur). The Executive made a final decision on the minimum data list.
13. The complete minimum data list is presented below.

## Commencing Medical Students Questionnaire (CMSQ)

From 2006 onwards, all students commencing at an Australian Medical School will be asked to voluntarily complete a one-time questionnaire known as the Commencing Medical Students Questionnaire. The questionnaire which collects demographic and career intentions data has been prepared by the MSOD Project in consultation with the Medical Schools and is administered by non-teaching staff at the Medical Schools.

The questionnaire was piloted in 2005 at the following six Medical Schools: University of Sydney, University of New South Wales, University of Melbourne, Monash University, Flinders University and Griffith University. Minor changes have been made to the questionnaire since.

The 17-item questionnaire will take approximately 15 minutes to complete. Completed questionnaires will be returned to the MSOD Project team who will arrange for scanning and cleaning of the data. Universities may only access their own data and guidelines for data use will be established and agreed to by each university.

During the first few weeks of commencing at the Medical School, students will be provided with an Information Sheet and a Consent Form along with the Questionnaire. Participants will also be asked for consent for the collection of (i) educational data from their Medical Schools during their university years and (ii) future intentions and exit data in their final year (details listed in the following paragraphs).

### Medical Schools' Data:

The Medical Schools Data will be collected annually for every student who completes the Commencing Medical Students Questionnaire. The data will be collected from the Medical Schools between January–June (for the previous year) until completion of the students' medical program. There are three components to the Medical Schools Data - (i) student records, (ii) placements and (iii) electives.

### Exit Data:

In the final year of the Medical Program, an Exit Questionnaire will be administered to the medical students who completed the Commencing Medical Students Questionnaire. The 12-item Exit Questionnaire collects

- name and state of the hospital (first preference only) of their internship placement
- name and postcode of the hospital of their internship placement allocation
- overall satisfaction with medical program
- factors influencing most preferred type of future medical practice
- repeat of some of demographic and career intentions questions from the Commencing Medical Students Questionnaire and
- future contact details such as e-mail addresses and details of a relative or friend who will be able to help researchers find the participant for ongoing tracking.

## MSOD DATA ITEMS, VARIABLES & DESCRIPTIONS

<b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set	<b>VARIABLE NAME</b> Name of the variable/s that measure the data item	<b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire	<b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.
<b>IDENTIFIERS &amp; TRACKING ITEMS</b>			
Identifier	Student University ID	C, M, E	12 digits
Identifier	Study Participant Status	M	<ul style="list-style-type: none"> <li>• Active</li> <li>• Withdrawn</li> <li>• Deceased</li> </ul>
Identifier	Calendar Year	M	The Medical Schools Data Collection period 01/01/YYYY - 31/12/YYYY
Identifier	Medical School	C, M, E	<ol style="list-style-type: none"> <li>1. Australian National University</li> <li>2. Bond University</li> <li>3. Deakin University</li> <li>4. Flinders University</li> <li>5. Griffith University</li> <li>6. James Cook University</li> <li>7. Monash University (Undergraduate)</li> <li>8. Monash University (Graduate)</li> <li>9. University of Adelaide</li> <li>10. University of Melbourne (Undergraduate)</li> <li>11. University of Melbourne (Graduate)</li> <li>12. University of Newcastle</li> </ol>

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			<ul style="list-style-type: none"> <li>13. University of New England</li> <li>14. University of New South Wales</li> <li>15. University of Notre Dame (Perth)</li> <li>16. University of Notre Dame (Sydney)</li> <li>17. University of Queensland</li> <li>18. University of Sydney</li> <li>19. University of Tasmania</li> <li>20. University of Western Australia (Undergraduate)</li> <li>21. University of Western Australia (Graduate)</li> <li>22. University of Western Sydney</li> <li>23. University of Wollongong</li> </ul>
<p>Identifier</p>	<p>Movement (Transfer In)</p> <p><i>A variable which identifies whether a medical student has been transferred into the medical program at your <b>Medical School</b>, from another Medical School</i></p>	<p>M</p>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
<p>Identifier</p>	<p>Movement (Transfer In Name of Medical School)</p>	<p>M</p>	<ul style="list-style-type: none"> <li>1. Australian National University</li> <li>2. Bond University</li> <li>3. Deakin University</li> <li>4. Flinders University</li> <li>5. Griffith University</li> <li>6. James Cook University</li> <li>7. Monash University (Undergraduate)</li> <li>8. Monash University (Graduate)</li> </ul>

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			<ol style="list-style-type: none"> <li>9. University of Adelaide</li> <li>10. University of Melbourne (Undergraduate)</li> <li>11. University of Melbourne (Graduate)</li> <li>12. University of Newcastle</li> <li>13. University of New England</li> <li>14. University of New South Wales</li> <li>15. University of Notre Dame (Perth)</li> <li>16. University of Notre Dame (Sydney)</li> <li>17. University of Queensland</li> <li>18. University of Sydney</li> <li>19. University of Tasmania</li> <li>20. University of Western Australia (Undergraduate)</li> <li>21. University of Western Australia (Graduate)</li> <li>22. University of Western Sydney</li> <li>23. University of Wollongong</li> </ol>
Identifier	<p>Movement (Transfer Out)</p> <p><i>A variable which identifies whether a medical student has been transferred out of the medical program at your <b>Medical School</b>, to another Medical School</i></p>	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
Identifier	Movement (Transfer Out Name of Medical School)	M	<ol style="list-style-type: none"> <li>1. Australian National University</li> <li>2. Bond University</li> <li>3. Deakin University</li> </ol>

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			<ol style="list-style-type: none"> <li>4. Flinders University</li> <li>5. Griffith University</li> <li>6. James Cook University</li> <li>7. Monash University (Undergraduate)</li> <li>8. Monash University (Graduate)</li> <li>9. University of Adelaide</li> <li>10. University of Melbourne (Undergraduate)</li> <li>11. University of Melbourne (Graduate)</li> <li>12. University of Newcastle</li> <li>13. University of New England</li> <li>14. University of New South Wales</li> <li>15. University of Notre Dame (Perth)</li> <li>16. University of Notre Dame (Sydney)</li> <li>17. University of Queensland</li> <li>18. University of Sydney</li> <li>19. University of Tasmania</li> <li>20. University of Western Australia (Undergraduate)</li> <li>21. University of Western Australia (Graduate)</li> <li>22. University of Western Sydney</li> <li>23. University of Wollongong</li> </ol>

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Identifier	<p>Movement (Lateral or Advanced Entry)</p> <p><i>A variable which identifies whether a medical student has been admitted into the medical program at your <b>Medical School</b>, from second year onwards. For example, students may apply for admission to a medical program after completing an undergraduate degree or prior to the completion of their first undergraduate degree, and can apply during their first year of university studies.</i></p>	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
Future Contact Details	Participant's Name	E	Not collected yet.
Future Contact Details	Participant's Mobile Number	E	10 digit number
Future Contact Details	Participant's E-mail Address	E	Free text
Future Contact Details	Name of Relative/Friend 1	E	Free Text
Future Contact Details	Name of Relative/Friend 2	E	Free Text
Future Contact Details	Relationship of Relative/Friend 1	E	Free Text
Future Contact Details	Relationship of Relative/Friend 2	E	Free Text
Future Contact Details	Address of Relative/Friend 1 Postcode of Relative/Friend 1	E	Free Text 4 digit postcode
Future Contact Details	Address of Relative/Friend 2 Postcode of Relative/Friend 2	E	Free Text 4 digit postcode
Future Contact Details	Home phone of Relative/Friend 1	E	(2 digit Area Code) 8 digit number
Future Contact Details	Home phone of Relative/Friend 2	E	(2 digit Area Code) 8 digit number
<b>DEMOGRAPHICS</b>			
Aboriginal or Torres Strait Islander	Aboriginal and/ or Torres Strait Islander	C, E	<ul style="list-style-type: none"> <li>• No</li> <li>• Yes, Aboriginal</li> <li>• Yes, Torres Strait Islander</li> </ul>

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Age	Date of Birth	C, E	DDMM19YY
Dependents	Dependent (child)	C, E	Number of children under 16years
Dependents	Dependent (other)	C, E	Number of financially dependent
Enrolment Status	Enrolment Status	M	<ul style="list-style-type: none"> <li>• Enrolled</li> <li>• Temporarily Away</li> <li>• Withdrawn</li> <li>• Completed</li> </ul>
Entry Scheme	Admission/ Entry Scheme	C, M	<ul style="list-style-type: none"> <li>• Commonwealth Supported (formerly HECS) student</li> <li>• Commonwealth Medical Rural Bonded Scholarship (MRBS) student</li> <li>• Commonwealth Bonded Medical Places (BMP) Scheme student</li> <li>• State (e.g. QLD, SA) Health Bonded Medical Scholarship student</li> <li>• Commonwealth Department of Defence Sponsored student</li> <li>• Australian fee-paying student</li> <li>• International student</li> <li>• University funded student</li> </ul>
Entry Scheme	Admission/ Entry Scheme (Other)	M	Free Text
Ethnicity	Language Other Than English	C	- Table B Standard Australian Classification of Languages
Ethnicity	Place of Birth	C	1. NSW

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			2. SA 3. NT 4. VIC 5. WA 6. ACT 7. QLD 8. TAS 9. Country other than Australia - Table A Standard Australian Classification of Countries
Ethnicity	Year of Arrival in Australia	C	Four digit YYYY
Gender	Gender	C	<ul style="list-style-type: none"> <li>• Male</li> <li>• Female</li> </ul>
Income Support	Sources of Income Support for Education & Living Expenses	C	(Mark all that are relevant) <ul style="list-style-type: none"> <li>○ Government assistance (eg. Youth Allowance,</li> <li>○ Austudy/Abstudy)</li> <li>○ Supported by family (eg. parents, partners)</li> <li>○ Paid employment (part time, full time, casual or vacation)</li> <li>○ Scholarship</li> <li>○ HECS/FEE/OS HELP loan</li> <li>○ Savings/Trust fund</li> <li>○ Personal loan</li> <li>○ Other (please specify):</li> </ul>
Marital Status	Marital Status	C, E	<ul style="list-style-type: none"> <li>• Single</li> </ul>

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			<ul style="list-style-type: none"> <li>• Divorced</li> <li>• Separated</li> <li>• Widowed</li> <li>• Married Living with partner</li> <li>• In a relationship but not living with partner</li> </ul>
Marital Status	Occupation of Partner	C, E	Free Text
Previous Tertiary Study	Name of Completed Degree(s)	C	Free Text Degree 1 Degree 2 Degree 3 Degree 4
Previous Tertiary Study	Name of University	C	Free Text University of Degree 1 University of Degree 2 University of Degree 3 University of Degree 4
Previous Tertiary Study	Year of Completion	C	Free Text Year of Completion of Degree 1 Year of Completion of Degree 2 Year of Completion of Degree 3 Year of Completion of Degree 4
Rural Club Association/ Membership	Rural Club Member	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>

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<p>Rural/ Urban Background</p>	<p>Rural/ Urban (final year secondary school)</p>	<p>C</p>	<p>What was the name and postcode of your secondary school/college/senior high school for your final year at school, in Australia?</p> <p>Name of secondary school/college/senior high school: Free Text Postcode: 0000 - 9999</p>
<p>Rural/ Urban Background</p>	<p>Rural/ Urban (longest location)</p>	<p>C</p>	<p>If you have lived in Australia for a year or more, please indicate the type of location, in Australia, you have lived in the longest:</p> <ol style="list-style-type: none"> <li>1. Capital city: i.e. Adelaide, Brisbane, Canberra,</li> <li>2. Darwin, Hobart, Melbourne, Perth, Sydney</li> <li>3. Major urban centre: i.e. Gosford-Wyong, Newcastle, Wollongong, Queanbeyan, Blue Mountains, Geelong, Gold Coast-Tweed Heads and Townsville-Thuringowa (&gt;100,000)</li> <li>4. Regional city or large town (25,000 – 100,000) eg: Launceston, Mount Gambier, Toowoomba</li> <li>5. Smaller town (10,000 – 24,999)</li> <li>6. Small community (&lt;10,000)</li> </ol>

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			7. Not applicable, lived in Australia for less than 12 months
Rural/ Urban Background	Rural/ Urban (principal home address)	C	Indicate how many years your principal home address in Australia has been outside of a capital city or outside one of the following major urban centres: Gosford-Wyong, Newcastle, Wollongong, Queanbeyan, Blue Mountains, Geelong, Gold Coast-Tweed Heads and Townsville-Thuringowa. (If none, please mark 0 years.)  NUMBER OF YEARS: Birth – 6 years 7 – 12 years 13 – 18 years >18 years
Rural/ Urban Background	Rural/ Urban (self-identification)	C	Do you consider yourself to come from a rural background? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Rural/ Urban Background	Rural/ Urban (years of secondary schooling)	C	Did you attend a secondary school/college/ senior high school in Australia outside of a capital city or outside one of the following major urban centres: Gosford-Wyong, Newcastle, Wollongong, Queanbeyan, Blue Mountains, Geelong, Gold Coast-Tweed

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			Heads and Townsville-Thuringowa? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> If Yes, please indicate number of years <b>NUMBER OF YEARS:</b>
Scholarships	Scholarship (All Types)	C	Do you hold a scholarship? <ul style="list-style-type: none"> <li>• No</li> <li>• Yes, (please specify name(s) of scholarship(s)): Free Text</li> </ul>
Scholarships	Scholarship (John Flynn)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
Scholarships	Scholarship (RAMUS)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
Scholarships	Scholarship (State/ Bonded/ Rural)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Unknown</li> </ul>
Visa Status & Domestic/ International	Citizen/ Residence Indicator	C	Are you: <ul style="list-style-type: none"> <li>• Australian citizen (including those with dual citizenship)</li> <li>• New Zealand citizen</li> <li>• Australian Permanent Resident status</li> <li>• (excluding those with New</li> </ul>

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			Zealand citizenship) <ul style="list-style-type: none"> <li>• Temporary entry permit (eg. International students)</li> <li>• Status other than one of the above</li> </ul>
<b>CAREER INTENTIONS</b>			
Future Career Intentions	Preferred Location of Future Medical Practice (State/ Territory/ Country)	C, E	On completion of your basic medical degree, where would you most like to practise medicine? Please rank up to three options by writing 1 in the box next to your most preferred, 2 next to your second preference and 3 next to your third preference: 1. NSW 2. SA 3. NT 4. VIC 5. WA 6. ACT 7. QLD 8. TAS 9. Country other than Australia (If you have indicated 'Country other than Australia' as a preference, please specify country by completing the grid below, using Table A on the enclosed coding sheet.) Table A Standard Australian Classification of Countries
Future Career Intentions	Preferred Location of Future Medical Practice (Geographical Location in Aust)	C, E	On completion of your basic medical

<p><b>DATA TOPIC NAME</b></p> <p>Name of the original data item in the MSOD minimum data set</p>	<p><b>VARIABLE NAME</b></p> <p>Name of the variable/s that measure the data item</p>	<p><b>VARIABLE COLLECTION TYPE</b></p> <p>Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire</p>	<p><b>VARIABLE COLLECTION TYPE NAME</b></p> <p>Identifying the question in the Questionnaire or the item on the Medical Schools Data template.</p> <p><b>VARIABLE CLASSIFICATION</b></p> <p>Output categories used to classify the responses to the variables.</p>
			<p>degree, where would you most like to practise medicine?</p> <p>If in Australia, please indicate in which geographical location you would most like to practise:</p> <ol style="list-style-type: none"> <li>1. Capital city: i.e. Adelaide, Brisbane, Canberra, Darwin, Hobart, Melbourne, Perth, Sydney</li> <li>2. Major urban centre: i.e. Gosford-Wyong, Newcastle, Wollongong, Queanbeyan, Blue Mountains, Geelong, Gold Coast-Tweed Heads and Townsville-Thuringowa (&gt;100,000)</li> <li>3. Regional city or large town (25,000 – 100,000) eg: Launceston, Mount Gambier, Toowoomba</li> <li>4. Smaller town (10,000 – 24,999)</li> <li>5. Small community (&lt;10,000)</li> <li>6. Not applicable, not intending to work in Australia</li> </ol>
<p>Future Career Intentions</p>	<p>Preferred Type of Future Medical Practice (Area of Medicine)</p>	<p>C, E</p>	<p>Have you decided what area of medicine you are interested in pursuing once you have completed your basic medical degree?</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p>If you have decided please mark one of the</p>

<p><b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set</p>	<p><b>VARIABLE NAME</b> Name of the variable/s that measure the data item</p>	<p><b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire</p>	<p><b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.</p>
			<p>boxes below. If you have not decided please rank your top 3 areas of interest below</p> <p>(Please rank up to three options by writing 1 in the box next to your most preferred, 2 next to the second preference and 3 next to your third preference)</p> <ul style="list-style-type: none"> <li>• Adult Medicine/Internal Medicine</li> <li>• Anaesthesia</li> <li>• Dermatology</li> <li>• Emergency Medicine</li> <li>• General Practice</li> <li>• Intensive Care Medicine</li> <li>• Medical Administration (e.g. managing a hospital)</li> <li>• Non-Specialist Hospital Practice (e.g. career as a medical officer in a hospital)</li> <li>• Obstetrics and Gynaecology</li> <li>• Occupational Medicine</li> <li>• Ophthalmology</li> <li>• Paediatrics and Child Health</li> <li>• Pathology</li> <li>• Psychiatry</li> <li>• Public Health Medicine</li> <li>• Radiology</li> </ul>

<b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set	<b>VARIABLE NAME</b> Name of the variable/s that measure the data item	<b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire	<b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.
			<ul style="list-style-type: none"> <li>• Rehabilitation Medicine</li> <li>• Rural and Remote Medicine (ACRRM)</li> <li>• Surgery</li> <li>• Other (Please specify):</li> </ul>
Future Career Intentions	Preferred Type of Future Medical Practice (Research/ Teaching)	C, E	As part of your medical career are you interested in becoming involved in:  Medical teaching <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Undecided</li> </ul> Research <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Undecided</li> </ul>
Future Career Intentions	Factors Influencing Most Preferred Type of Future Medical Practice (Certainty)	E	How certain are you that you will actually practise within your most preferred area of medicine? 1. Not at all certain 2. Moderately certain 3. Absolutely certain
Future Career Intentions	Factors Influencing Most Preferred Type of Future Medical Practice (Determinants)	E	On a scale of 0–4, when 0 = not at all and 4 = a great deal, how much did the following factors influence your most preferred area of medicine? For each factor, shade one of



<p><b>DATA TOPIC NAME</b></p> <p>Name of the original data item in the MSOD minimum data set</p>	<p><b>VARIABLE NAME</b></p> <p>Name of the variable/s that measure the data item</p>	<p><b>VARIABLE COLLECTION TYPE</b></p> <p>Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire</p>	<p><b>VARIABLE COLLECTION TYPE NAME</b></p> <p>Identifying the question in the Questionnaire or the item on the Medical Schools Data template.</p> <p><b>VARIABLE CLASSIFICATION</b></p> <p>Output categories used to classify the responses to the variables.</p>
			<p>s) Perceived career advancement prospects</p> <p>t) Atmosphere/work culture typical of the discipline</p> <p>u) Availability of a vocational training placement</p> <p>v) Risk of litigation and associated insurance costs</p> <p>w) Interest in helping people</p> <p>x) Other reasons*</p> <p>y) * If 'Other reasons', please specify: Free Text</p>
<p><b>EDUCATIONAL EXPERIENCES</b></p>			
<p>Internship Placement</p>	<p>Internship Placement Allocation (Location)</p>	<p>E</p>	<p>State of Hospital</p> <ul style="list-style-type: none"> <li>• NSW</li> <li>• SA</li> <li>• NT</li> <li>• VIC</li> <li>• WA</li> <li>• ACT</li> <li>• QLD</li> <li>• TAS</li> <li>• Country other than Australia</li> </ul> <p>(If you have indicated 'Country other than Australia' as a preference, please specify country by completing the grid below, using</p>

<b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set	<b>VARIABLE NAME</b> Name of the variable/s that measure the data item	<b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire	<b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.
			Table A on the enclosed coding sheet.)
Internship Placement	Internship Placement Allocation (Name of Hospital)	E	Name of Hospital: Free Text
Internship Placement	Internship Placement Application (Location of First Preference Hospital)	E	Which state/Country other than Australia have you applied for your internship placements? In each state, please indicate your first preference of hospital: List your first preference of hospital in each state that you have applied: 24. NSW _____ 25. VIC _____ 26. QLD _____ 27. SA _____ 28. WA _____ 29. TAS _____ 30. NT _____ 31. ACT _____ 32. Country other than Australia _____
Internship Placement	Internship Placement Application (Name of First Preference Hospital)	E	List your first preference of hospital in each state that you have applied: Free Text
Study Experiences	Electives (Discipline)	M	Free Text
Study Experiences	Electives (Duration - Contact = Block - Days)	M	value from 1 to 365
Study Experiences	Electives (Duration - Contact = Block - Hours)	M	value from 1 to 24
Study Experiences	Electives (Duration - Contact = Block - Months)	M	value from 1 to 12

<b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set	<b>VARIABLE NAME</b> Name of the variable/s that measure the data item	<b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire	<b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.
Study Experiences	Electives (Duration - Contact = Block - Weeks)	M	value from 1 to 52
Study Experiences	Electives (Duration - Contact = Regular - Hours/Days per Week/Month/Year)	M	Free Text
Study Experiences	Electives (Duration - Contact = Regular - Weeks per Month/Year)	M	Free Text
Study Experiences	Electives (Location - Name of Town/City in Australia)	M	Free Text
Study Experiences	Electives (Location - Postcode of Town/City in Australia)	M	Australia Post Postcodes
Study Experiences	Electives (Location - Name of Town/City Outside Australia)	M	Free Text
Study Experiences	Electives (Location - Country Code Outside Australia)	M	Table A Standard Australian Classification of Countries
Study Experiences	Electives (Type - Clinical)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Electives (Type - Medical Education)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Electives (Type - Non-Clinical)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Overall Satisfaction with Medical Program	E	Please indicate your overall level of satisfaction with the medical program at your University <ul style="list-style-type: none"> <li>• Very Satisfied</li> <li>• Satisfied</li> <li>• Dissatisfied</li> <li>• Very Dissatisfied</li> <li>• Not Applicable</li> </ul>
Study Experiences	Placements (Discipline)	M	Free Text
Study Experiences	Placements (Duration - Contact = Block - Days)	M	value from 1 to 365
Study Experiences	Placements (Duration - Contact = Block - Hours)	M	value from 1 to 24

<b>DATA TOPIC NAME</b> Name of the original data item in the MSOD minimum data set	<b>VARIABLE NAME</b> Name of the variable/s that measure the data item	<b>VARIABLE COLLECTION TYPE</b> Identifies if the variable is to be collected via a questionnaire or the Medical Schools Data template. Options: C=Commencing Medical Students Questionnaire, M=Medical Schools Data, E=Exit Questionnaire	<b>VARIABLE COLLECTION TYPE NAME</b> Identifying the question in the Questionnaire or the item on the Medical Schools Data template. <b>VARIABLE CLASSIFICATION</b> Output categories used to classify the responses to the variables.
Study Experiences	Placements (Duration - Contact = Block - Months)	M	value from 1 to 12
Study Experiences	Placements (Duration - Contact = Block - Weeks)	M	value from 1 to 52
Study Experiences	Placements (Duration - Contact = Regular - Hours/Days per Week/Month/Year)	M	Free Text
Study Experiences	Placements (Duration - Contact = Regular - Weeks per Month/Year)	M	Free Text
Study Experiences	Placements (Funding Source - RCS)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Funding Source - RUSC)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Funding Source - UDRH)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Funding Source - Other)	M	Free Text
Study Experiences	Placements (Location - Name of Town/City in Australia)	M	Free Text
Study Experiences	Placements (Location - Postcode of Town/City in Australia)	M	Australia Post Postcodes
Study Experiences	Placements (Location - Name of Town/City Outside Australia)	M	Free Text
Study Experiences	Placements (Location - Country Code Outside Australia)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Type - Community)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Type - General Practice)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Type - Indigenous)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Study Experiences	Placements (Type - Other)	M	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>

MSOD DATA – DATA COLLECTION SCHEDULE

Data Collection Type:	Commencing Medical Students Questionnaire (C)	Medical Schools Data (M)	Exit Questionnaire (E)
<b>Calendar Year:</b>			
<b>2005</b>	C(2005)	-	-
<b>2006</b>	C(2006)	M(2005) Y1 (01/01/05 -31/12/05)	-
<b>2007</b>	C(2007)	M(2005) Y2 (01/01/06 -31/12/06) M(2006) Y1 (01/01/06 -31/12/06)	-
<b>2008</b>	C(2008)	M(2005) Y3 (01/01/07 -31/12/07) M(2006) Y2 (01/01/07 -31/12/07) M(2007) Y1 (01/01/07 -31/12/07)	E(2005) schools with a 4yr program
<b>2009</b>	C(2009)	M(2005) Y4 (01/01/08 -31/12/08) M(2006) Y3 (01/01/08 -31/12/08) M(2007) Y2 (01/01/08 -31/12/08) M(2008) Y1 (01/01/08 -31/12/08)	E(2005) schools with a 5yr program E(2006) schools with a 4yr program
<b>2010</b>	C(2010)	M(2005) Y5 (01/01/09 -31/12/09) M(2006) Y4 (01/01/09 -31/12/09) M(2007) Y3 (01/01/09 -31/12/09) M(2008) Y2 (01/01/09 -31/12/09) M(2009) Y1 (01/01/09 -31/12/09)	E(2005) schools with a 6yr program E(2006) schools with a 5yr program E(2007) schools with a 4yr program
<b>2011</b>	C(2011)	M(2005) Y6 (01/01/10 -31/12/10) M(2006) Y5 (01/01/10 -31/12/10) M(2007) Y4 (01/01/10 -31/12/10) M(2008) Y3 (01/01/10 -31/12/10) M(2009) Y2 (01/01/10 -31/12/10) M(2010) Y1 (01/01/10 -31/12/10)	E(2006) schools with a 6yr program E(2007) schools with a 5yr program E(2008) schools with a 4yr program

Data Collection Type:	Commencing Medical Students Questionnaire (C)	Medical Schools Data (M)	Exit Questionnaire (E)
2012	C(2012)	M(2006) Y6 (01/01/11 -31/12/11) M(2007) Y5 (01/01/11 -31/12/11) M(2008) Y4 (01/01/11 -31/12/11) M(2009) Y3 (01/01/11 -31/12/11) M(2010) Y2 (01/01/11 -31/12/11) M(2011) Y1 (01/01/11 -31/12/11)	E(2007) <i>schools with a 6yr program</i> E(2008) <i>schools with a 5yr program</i> E(2009) <i>schools with a 4yr program</i>