

ANZMOSS/ANZGOSA Joint Annual Scientific Meeting Oct 2nd-4th, including Pre Conference Workshop "Bariatric Surgery Registry Stakeholder Workshop"

All those interested in the Registry are warmly invited to attend the Pre-Conference Workshop on Wednesday before the meeting begins. Meet with clinician and industry stakeholders at the workshop to discuss the progress of the Registry, review the output and explore new and novel ways to better collect and use the data.

Please note that Conference Registration is NOT necessary to attend this event. The Registry workshop is free and lunch will be provided.

The workshop will be held at the Brisbane Convention and Exhibition Centre from 10.00am - 2.00pm.

To register for the Workshop go to <http://www.anzgosaanzmoss2019.com.au/registration/>

For more information, go to <http://mail.thinkbusinessevents.com.au/ANZMOSS/BariatricSurgeryRegistryWorkshop.pdf>. To contact the Registry office in Melbourne: Phone: +61 3 9902 0725 or email: med-bsr@monash.edu

Once again, ANZMOSS is generously providing a booth for the Bariatric Surgery Registry at the meeting's Trade Exhibition. Please be sure to stop by stand no. 23 to catch up with members of the Registry team.

*Registry Snapshot as of the
17th of September:*

Over 75,000

*participants enrolled
with an opt out rate of 3.05%*

Public release of Seventh Annual Report

The Seventh Annual Report of the Bariatric Surgery Registry has been published and is available both in hard copy and as a pdf on the Registry's website here:

https://www.monash.edu/_data/assets/pdf_file/0006/1953438/Bariatric-Surgery-Registry-Seventh-Annual-Report-2019.pdf

The purpose of the Registry is to show the safety and quality outcomes of bariatric surgery in Australia and New Zealand. To achieve this end, population-level data is needed. The latest report boasts all time high capture rates of procedures, perioperative follow-up and annual follow-up data. Data captured is made valuable by processes, undertaken by the Registry's Data Team, which ensure data quality and accuracy.

Surgeons and their teams made a significant improvement in submitting their follow-up data, especially for the perioperative period. The linkage with LapBase greatly improved the overall capture of annual follow-up data. Long-term follow-up rates of the magnitude achieved as shown are beyond compare of other existing bariatric surgery registries.

Although the Registry has a dedicated Call Centre to call participants for their follow-up data, the Lost to Follow-Up rate has increased. To help mitigate this increase, the Registry will be implementing an SMS system in the near future for participants to provide their own long-term follow-up data reporting.

This method is anticipated not to only help increase the success capture rate of annual follow up data but also to ensure that data

is captured within the correct periods whilst reducing the burden on the Call Centre team.

Below demonstrates the successful improvement for data completeness within the Registry:

From the FY 17/18 Sixth Annual Report:

| | PERI-OP | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | TOTAL |
|---|---------|--------|--------|--------|--------|--------|--------|--------|
| Total Follow Ups | 49,952 | 23,595 | 12,031 | 4,175 | 1,271 | 511 | 60 | 91,595 |
| Total Complete with Data | 41,008 | 16,178 | 6,852 | 2,345 | 857 | 285 | 22 | 67,547 |
| % Complete with Data | 82% | 69% | 57% | 56% | 67% | 56% | 37% | 74% |
| Total Outstanding | 7,313 | 5,146 | 3,814 | 1,504 | 315 | 181 | 36 | 18,309 |
| % Outstanding | 15% | 22% | 32% | 36% | 25% | 35% | 60% | 20% |
| Awaiting BSR to Call for Follow Up | 1,405 | 1,432 | 1,133 | 431 | 115 | 70 | 0 | 4,586 |
| % Awaiting BSR to Call for Follow Up | 19% | 28% | 30% | 29% | 37% | 39% | 0% | 25% |
| Total Lost to Follow Up | 1,631 | 2,271 | 1,365 | 326 | 99 | 45 | 2 | 5,739 |
| % Lost to Follow Up | 3% | 10% | 11% | 8% | 8% | 9% | 3% | 6% |

^ Australia and New Zealand peri-operative and annual follow up data has been combined for this report due to the low enrolment numbers for New Zealand. Future annual reports will allow for the distinction between Australia and New Zealand for follow up statistics.

From the FY 18/19 Seventh Annual Report:

| | PERI-OP | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | YEAR 7 | TOTAL |
|---|---------|--------|--------|--------|--------|--------|--------|--------|---------|
| Total Follow Ups | 76,323 | 40,343 | 21,885 | 10,597 | 3,743 | 1,166 | 471 | 57 | 154,585 |
| Total Complete with Data | 65,681 | 29,693 | 14,022 | 6,491 | 2,466 | 878 | 343 | 43 | 119,617 |
| % Complete with Data | 86.06 | 73.6 | 64.07 | 61.25 | 65.88 | 75.3 | 72.82 | 75.44 | 77.38 |
| Total Outstanding | 8,246 | 6,824 | 4,906 | 2,748 | 963 | 197 | 103 | 11 | 23,998 |
| % Outstanding | 10.8 | 16.91 | 22.42 | 25.93 | 25.73 | 16.9 | 21.87 | 19.3 | 15.52 |
| Awaiting BSR to Call for Follow Up | 146 | 765 | 553 | 282 | 74 | 22 | 7 | 0 | 1,849 |
| % Awaiting BSR to Call for Follow Up | 1.77 | 11.21 | 11.27 | 10.26 | 7.68 | 11.17 | 6.8 | 0 | 7.7 |
| Total Lost to Follow Up | 2,396 | 3,826 | 2,957 | 1,358 | 314 | 91 | 25 | 3 | 10,970 |
| % Lost to Follow Up | 3.14 | 9.48 | 13.51 | 12.81 | 8.39 | 7.8 | 5.31 | 5.26 | 7.1 |

^ Australia and New Zealand peri-operative and annual follow up data have been combined for this report due to the low enrolment numbers for New Zealand. Future annual reports will allow for the distinction between Australia and New Zealand for follow up statistics.

Improvements for Online Data Entry

Recent system updates to the BSR-i have been implemented to streamline data entry. All participating surgeons have been advised of the changes made to the BSR-i and have been mailed new User Manuals which details how to utilise the new screens and options.

The updates are designed to improve functionality and overall user-friendliness of online data entry with the BSR-i.

A [BSR-i Training Course](#) is now available on YouTube and can be accessed via the Registry's home page, under the "For surgeons" section and [BSR-i training video](#). The homepage can be accessed via: <https://www.monash.edu/medicine/sphpm/registries/bariatric> and the Training Course on YouTube videos via: https://www.youtube.com/watch?v=5MW1aVET94w&list=PLpqIER9wifMz4wNeUB87Cw1Eel_hooh3wG

Updates to the BSR-i include the following:

1. The **OpConfirm Screen** is a new screen which has patient and operation information uploaded from ICD-10/ACHI hospital reports. Previously, participating surgeons have been posted pink forms to complete for unsubmitted operations picked up with hospital ICD-10 reports, with a request to complete the missing data. Going forward, this will be available online, and will ultimately replace the posting of the hard copy forms.

The **OpConfirm Screen** will have patient and operation information pre-populated with data obtained from the hospital reports. You are asked to check this screen for operations which require the missing data, as well as completing the perioperative follow-up regarding the operation. *(Please refer to **Section D** of the **BSR-i User Manual** for instructions on how to use this screen.)*

2. The **Follow-Up Screen** is a new screen which can help streamline your data entry of follow-up information. This screen allows you to scroll through all your patients on the Registry who require follow-ups to be completed. Using the new **Follow-Up Screen** is recommended if you have a large number of outstanding follow-ups.
3. The addition of a "**Favourite Devices**" option. This function allows the upload of your device and staple preferences for your bariatric procedures. By having your preferences uploaded on the BSR-i, you can streamline the data entry of your bariatric procedures.

Refer to **Section E** in the **BSR-i User Manual** on how to upload your preferences yourself, or **Section B 3** for how to utilise your *Favourite Devices* when entering operation data in the BSR-i.

Please note: The Registry staff are happy to upload your preferences for you. Please contact the BSR if you would like this done for you.

4. The inclusion of indicating the surgical

approach (e.g., laparoscopic, robotic, open, endoscopic, etc.)

5. The Gender label has been changed to 'Sex'. The patient's biologically determined sex is collected, rather than the gender with which they identify, as their sex has a profound effect on health.

PFS available in Arabic and Māori

All bariatric patients with operations submitted to the Registry are sent a Participant Fact Sheet (PFS) as following submission of their operation information, according to the study protocol. The PFS is an important document for all prospective participants in the Registry study as it outlines what their involvement entails and provides information on what they need to do if they want to opt out.

Please advise if your patients will require a PFS in a language other than English. Currently, PFS are available in Arabic (Australian version) and Māori (New Zealand version). Other language translations can be provided upon request.

Star Staff

Dr Jon Shenfine (Adelaide) nominated Kahlia Wilksch to be recognised for her outstanding work. He wrote "Kahlia is our AMOS data collector in Adelaide for Justin Bessell and I - she has been nominated before by Justin a couple of years ago but continues to collect our data without (much) complaining and works so hard at doing so. She is absolutely a Star Staff member."

We are delighted to once again congratulate Kahlia and acknowledge her commitment to the Bariatric Surgery Registry.

PROMs Research Update

The Registry has recently appointed Ms. Alyssa Budin as the Research Assistant focusing on the implementation of PROMs, specific to bariatric surgery. This will involve the development of an item bank and will be responsible for the recommendation of items that will be

implemented in the standard Registry dataset in 2021. Stay tuned for progress updates in the future editions of the Newsletter.

The Team behind the Bariatric Surgery Registry

Registry staff had a celebratory lunch in July in recognition of the hard work everyone put in towards the end of its reporting year. Whilst the team was together, a group photo was taken so that Registry supporters can put some faces to those on the other end of the telephone or email.

Representing the team at Monash University in Melbourne are:

Back row: Brooke Backman (Programme Manager), Zahli Hansen (Call Centre), Roxana

Ruiz Guevara (Administration Officer), Aileen Heal (Data Manager), Henry Truong (Technical Officer), Anagi Wickremasinghe (Call Centre), Nilab Himadi (Ethics Assistant), and Simone Wilkins (Administration Assistant).

Front Row: Declan Wain (Technical Officer), Srikanth Kommireddy (Database Manager), Jared Cox (Technical Officer), Jenifer Cottrell (Customer Relationships Manager), Hayley Cottrell (Administration Officer), Katy Shaw (Call Centre), and Tiasha Fernando (Call Centre).

Missing: Angus Brian Campbell (Data Support Officer), Jazmin Padarath (Administration Officer), Rebecca Tourogianis (Technical Officer), Alyssa Budin (Research Assistant)-PROMs and Dianne Brown (Consultant).



Representing the team at the National Institute of Health at the University of Auckland are Kristin Sutherland (Project Manager), left, and Anna-Marie Rattray (Research Assistant), right.



Current Hospital Participation Report for Hospital Sites where Bariatric Surgery is provided

As at 17 September 2019

| State | Approved Sites | | Sites in Progress | Ethics/Locality Approvals Yet to Commence | Total |
|------------------|------------------|--------------|-------------------|---|------------|
| | Not Contributing | Contributing | | | |
| NSW/ACT | 4 | 33 | 18 | 3 | 58 |
| QLD | 6 | 24 | 0 | 0 | 30 |
| SA/NT | 0 | 9 | 0 | 1 | 10 |
| TAS | 0 | 5 | 0 | 0 | 5 |
| VIC | 8 | 35 | 1 | 1 | 45 |
| WA | 0 | 11 | 4 | 0 | 15 |
| AUS Total | 18 | 117 | 25 | 5 | 165 |
| NZ Total | 3 | 9 | 11 | 1 | 24 |

| | Approved Sites | | Sites in Progress | Sites To Do |
|--------------|------------------|--------------|-------------------|-------------|
| | Not Contributing | Contributing | | |
| AUS Private | 12 | 94 | 12 | 2 |
| AUS Public | 6 | 23 | 14 | 1 |
| NZ Private | 1 | 7 | 5 | 1 |
| NZ Public | 2 | 2 | 6 | 0 |
| Total | 21 | 126 | 37 | 4 |

| Hospital Participation in Australia | Previous Report | September 2019 |
|---|-----------------|----------------|
| Hospitals known to do bariatric surgery | 167 | 167 |
| Hospitals with ethics approval | 129 | 129 |
| Contributing | 109 | 117 |

| Hospital Participation in New Zealand | September 2019 |
|---|----------------|
| Hospitals known to do bariatric surgery | 24 |
| Hospitals with ethics approval | 12 |
| Contributing | 9 |

Current Report of Surgeon Participation

As at 17 September 2019

| | At Sites with Ethics Approval | | Enlisted but not at site with ethics approval | Not Enlisted | | Total |
|------------------|-------------------------------|--------------|---|------------------------------|------------------------------------|------------|
| | Not Contributing | Contributing | | At site with ethics approval | At site yet to get ethics approval | |
| NSW/ACT | 10 | 42 | 4 | 7 | 2 | 65 |
| QLD | 5 | 31 | 0 | 6 | 1 | 43 |
| SA/NT | 5 | 12 | 1 | 0 | 0 | 18 |
| TAS | 2 | 3 | 0 | 0 | 0 | 5 |
| VIC | 13 | 56 | 0 | 1 | 0 | 70 |
| WA | 4 | 22 | 1 | 2 | 0 | 29 |
| AUS Total | 39 | 166 | 6 | 16 | 3 | 230 |
| NZ | 4 | 13 | 3 | 1 | 4 | 25 |
| Total | 43 | 179 | 9 | 17 | 7 | 255 |

| Surgeon Participation in Australia | September 2019 | Percent of Surgeons |
|--|----------------|---------------------|
| Surgeons known to do bariatric surgery | 230 | (100%) |
| Enlisted | 211 | 91.7% |
| Surgeons at sites with ethics approval | 221 | 96.1% |
| Enlisted and at sites with ethics approval | 205 | 89.1% |
| Contributing | 166 | 72.1% |

| Surgeon Participation in New Zealand | September 2019 | Percent of Surgeons |
|--|----------------|---------------------|
| Surgeons known to do bariatric surgery | 25 | (100%) |
| Enlisted | 20 | 75% |
| Surgeons at sites with ethics approval | 18 | 72% |
| Enlisted and at sites with ethics approval | 17 | 68% |
| Contributing | 13 | 52% |

Australian Hospitals with Ethics Approval

Albury-Wodonga Private Hospital
 Ashford Private Hospital
 Austin Hospital
 Baringa Private Hospital
 Beleura Private Hospital
 Belmont District Hospital
 Box Hill Hospital
 Brisbane Waters Private Hospital
 Buderim Private Hospital
 Cabrini Hospital Brighton
 Cabrini Hospital Malvern
 Cairns Private Hospital
 Calvary Central District Hospital
 Calvary North Adelaide Hospital
 Calvary Riverina Hospital
 Calvary St Vincent's Hospital
 Calvary Wakefield Hospital
 Campbelltown Private Hospital
 Concord Repatriation General Hospital
 Darwin Private Hospital
 Delmar Private Hospital
 Dubbo Private Hospital
 Epworth Eastern Hospital
 Epworth Freemasons Hospital
 Epworth Geelong Hospital
 Epworth Richmond Hospital
 Fiona Stanley Hospital
 Flinders Medical Centre
 Flinders Private Hospital
 Footscray Hospital
 Glen Iris Private
 Glengarry Private Hospital
 Gold Coast Private Hospital
 Gosford Private Hospital
 Gosford Hospital
 Greenslopes Private Hospital
 Hamilton Hospital
 Heidelberg Repatriation Hospital
 Hillcrest Private Hospital
 Hobart Private Hospital
 Holmesglen Private Hospital
 Hollywood Private Hospital
 Hurstville Private Hospital
 Ipswich General Hospital
 Jessie McPherson Private Hospital
 John Fawcner Private Hospital
 John Flynn Private Hospital
 John Hunter Hospital
 Joondalup Health Campus
 Kareena Private Hospital
 Kawana Private Hospital
 Knox Private Hospital
 Lake Macquarie Private Hospital
 Lakeview Private Hospital
 Latrobe Regional Hospital
 Launceston General Hospital
 Lingard Private Hospital
 Maryvale Private Hospital
 Mater Health Services North Queensland

Mater Hospital Brisbane
 Mater Hospital North Sydney
 Mater Misericordiae Bundaberg
 Mater Misericordiae Mackay
 Mater Private Hospital Brisbane
 Mater Private Hospital Redland
 Mater Private Hospital Rockhampton
 Mater Private Hospital Springfield
 Mildura Base Hospital
 Mildura Health Private Hospital
 Mitcham Private Hospital
 Monash Medical Centre
 Mount Hospital
 Mulgrave Private Hospital
 Nambour Selangor Private Hospital
 National Capital Private Hospital
 Nepean Private Hospital
 Newcastle Private Hospital
 Noosa Private Hospital
 North Shore Private Hospital
 North West Private Hospital (Brisbane)
 North West Private Hospital (Burnie)
 Northpark Private Hospital
 Norwest Private Hospital
 Nowra Private Hospital
 Peninsula Private Hospital
 Pindara Private Hospital
 Port Macquarie Private Hospital
 Prince of Wales Private Hospital
 Princess Alexandra Hospital
 Queen Elizabeth Hospital
 Queen Elizabeth II Jubilee Hospital
 Royal Brisbane and Women's Hospital
 Royal Hobart Hospital
 Royal North Shore Hospital
 Royal Prince Alfred Hospital
 Shepparton Private Hospital
 Southern Highlands Private Hospital
 St Andrew's War Memorial Hospital
 St Andrew's-Ipswich Private Hospital
 St George Private Hospital
 St John of God Hospital Ballarat
 St John of God Hospital Bendigo
 St John of God Hospital Berwick
 St John of God Hospital Bunbury
 St John of God Hospital Geelong
 St John of God Hospital Geraldton
 St John of God Hospital Mt Lawley
 St John of God Hospital Murdoch
 St John of God Hospital Subiaco
 St John of God Hospital Warrnambool
 St Vincent's Hospital Melbourne
 St Vincent's Private Hospital (Fitzroy)
 St Vincent's Private Hospital Northside
 St Vincent's Private Hospital Toowoomba
 Strathfield Private Hospital
 Sunnybank Private Hospital
 Sunshine Coast University Private Hospital
 Sunshine Hospital
 Sydney Adventist Hospital
 Sydney Southwest Private Hospital
 The Alfred Hospital

The Avenue Private Hospital
 The Bays Hospital
 The Wesley Hospital
 Wagga Wagga Base Hospital
 Waikiki Private Hospital
 Wangaratta Private Hospital
 Warrigal Private Hospital
 Waverley Private Hospital
 Western Hospital (SA)
 Western Private Hospital (VIC)
 Westmead Private Hospital
 Williamstown Hospital
 Wollongong Private Hospital

New Zealand Hospitals with Ethics Approval

Auckland City Hospital
 Chelsea Hospital Gisborne
 Gisborne Hospital
 Grace Hospital Tauranga
 Middlemore Hospital
 Ormiston Hospital
 St George's Hospital
 Southern Cross Hospital Christchurch
 Southern Cross Hospital Hamilton
 Southern Cross Hospital North Harbour
 Southern Cross Hospital Wellington
 Southland Hospital

CONTACT INFORMATION

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