

#### **DIRECTOR'S MESSAGE**



Well that went quickly! There we were breathing a sigh of relief at the end of 2021 and now here we are saying goodbye to 2022 even more exhausted having endured the Omicron wave, floods, and elections and now anticipating another (China based) wave of COVID-19 badness! I for one am hanging out for a little bit of warm weather and a quiet corner in which to read a good (light hearted) book.

2022 is also remarkable for the fact that suddenly everyone seems to have discovered there are challenges in general practice in Australia (duh!). This offers us great opportunities but also some risks. The Federal government is looking for "quick wins" in primary care but I fear there are very few and, if we invest in poorly

thought out quick fixes, we risk doing more damage.

Primary care and general practice needs sustained commitment and financial investment over several election cycles, building from, not revisiting the work of the National Health Reform Commission and the 10 year National Primary Care Strategy. We need to take a stepwise forward approach and be brave enough to start rebalancing the investment in primary and tertiary care in Australia. Our contributions to primary and secondary prevention, our chronic disease management skills can be better utilised and supported and investment will pay dividends but they will take a while to be realised with the impact seen beyond the next election cycle. I long for the day when we get high quality engagement from Federal and State and Territory policy makers because of the contributions we make and the value we provide to patients and the health system <a href="mailto:now">now</a>. Currently we are often only thought of when they are looking for ways to take pressure from the hospital system. GP adds value beyond reducing ED pressure!!

Despite these frustrations I do believe it is absolutely critical that we remain willing to engage - this includes simple advocacy, it means understanding our data and using it to drive changes, it means being willing to trial new models of care and remuneration and it means being at the table for policy discussions. As the Federal government rolls out Urgent Care Centres and Priority Primary Care pilots in 2023 we need to make sure the GP perspective is heard. Our local CHN has been a stronger voice for GP in recent years under Megan Cahill's leadership and I am grateful for that – it has made a difference. I also want to acknowledge the contributions of Mel Dorrington, Mel Choy, Anne-Marie Svoboda and Julie Carr who have all spent time in 2022 bringing the GP voice to local health policy and practice. They have made significant contributions as have Antonio Didio, Kerrie Aust, Rashmi Sharma (AMA), Komal Jaiswal, Niral Shah, (RACGP ACT Faculty & GP Synergy), Mel Deery, Emma Cunningham, Emily Jehne, Felicity Donaghy, Susannah Collings, Paresh Dadwa, (CHN) and many others.

Finally, and most importantly I want to acknowledge those of you who keep on keeping on at the clinical coalface - providing high quality care to patients, engaging with your local communities and still being willing to partner with us in teaching and research. Thank You! I admire your tenacity and perseverance, I am grateful for your collegiality. We couldn't do what the AUGP does without you.

Have yourselves a Happy Holiday Season.

Kirsty

Prof Kirsty Douglas MBBS Dip RACOG MD FRACGP

Professor of General Practice | Australian National University Medical School Director Academic Unit of General Practice | ACT Health Directorate





# Academic Unit of General Practice

# TEACHING AND LEARNING

The Australian National University (ANU) <u>Academic Unit of General Practice</u>, in conjunction with Capital Health Network (CHN), are excited to announce a new General Practice (GP) scholarship program for ANU medical students.

The scholarship is designed to support students to stay connected to general practitioner mentors throughout their final year at medical school and subsequent years in junior doctor training.

A/Prof Katrina Anderson, Director of GP Education, ANU Academic Unit of General Practice advised, "Medical students lose touch with general practice during their hospital training years because there are few connections to primary care and no exposure to GP role models. The aim of this program is to help students stay connected to GP mentors during their junior doctor training years and find support and inspiration from GPs while in the hospital environment. The program not only supports students but also the GP supervisors taking on a mentoring role."

Successful students and their GP mentors are connected during two formal mentoring events in the students fourth year of the <u>Doctor of Medicine and Surgery program</u> and are offered conference attendance and expenses to a maximum of \$2000 to attend a GP conference during their first two years as a junior doctor.

"The program will support the local emerging workforce and bolster general practitioners in the ACT to create a more sustainable workforce into the future," noted Associate Professor Anderson.

In 2022, the fourth-year students awarded the GP Scholarship are Tornike Janjgava, Sally Laughton, Sheraz Majoka, Claudia Reed and Alexandra Roberts. The awardees recently gathered with their mentors, Katrina Anderson, Kerrie Aust, David Brown, Merson Mathews and Pam Whalan over dinner to discuss the complexities of life for their patients and themselves. The evening involved rich wide-ranging

conversations around living ethically and meaningfully as well as exploring concepts around emotions, sleep, neurodiversity, loneliness, and compassion. This was the second gathering of the group for 2022.



# Katrina

#### A/Prof Katrina Anderson

Academic Unit of General Practice, ACT Health Australian National University Medical School Chair, Canberra Region Medical Education Council







### **RESEARCH**



The <u>PracNet webpage</u> is up and running! It includes an overview of what PracNet is, how you can engage, who manages PracNet, and how to get in touch.

Our webpage also includes a <u>monthly blog</u> with details of local General Practice Research. Check out our latest post that provides an overview of the Afterhours Health System survey from 2019.

Follow us on <u>Twitter</u> to keep up to date with the latest research and local GP news. @PracNet or search for PracNetResearch

Experiences of Practitioners receiving Adverse Childhood Experiences (ACEs) screening results in the Kindergarten Health Check (KHC)

If you receive KHC results, we need to hear from you!

The ACT KHC now includes a screening tool to report total Adverse Childhood Experiences. We would like to talk with GPs and Practice Nurses who manage the KHC results to find out how acceptable the data is, how it is being used, and what supports you think should be in place to help children in the ACT.

An interview takes 20-30 minutes, and we will reimburse you \$75 for your time.

You can read a <u>Participant Information Sheet</u> or complete a fillable <u>consent form</u> via our dropbox. Please email <u>Katelyn.barnes@anu.edu.au</u> with any questions or concerns or to express interest in participating!

#### **NEWS IN BRIEF**

#### ACT Health GP Policy Forum 2022

Thank you very much to all the GPs who came along to the 2022 GP Policy Forum on 27 October, along with the Minister for Health, the Minister for Mental Health, policymakers from ACT Health Directorate, Canberra Health Services and Calvary Public Hospital Bruce.

The goal of the annual forum is to facilitate a productive exchange between local GPs and our public health and hospital system, so that GPs are updated on key policy areas and projects that might affect them and their



patients, but also so that GPs have an opportunity to give their direct perspective and feedback on various aspects of our public health system. GP engagement is critical to making the forum work and we are incredibly grateful to each one of you who filled in the pre-forum survey, which informed the evening, participated in pre-forum discussions, attended the forum and filled in the evaluation survey.





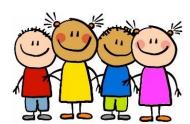


This year, there were three formal presentations on Outpatients, Digital Health Record and an update on key ACT Health and Canberra Health Services Projects. This was followed by a lively open question-and-answer session with the presenters, the Minister for Health and Minister for Mental Health. The second part of the evening included two Mini Breakout Sessions, where GPs in small groups spoke with policymakers to answer specific questions about GPs and Public Health, The CHS Eating Disorders Program, Calvary Public Hospital Bruce Emergency Department, Integrated Care, Improving Territory-wide safety and quality of care, and Suicide Aftercare and Prevention. GPs asked challenging thoughtful questions and gave considered useful feedback to policymakers and health system leaders. Details of what was discussed will be available on the PracNet webpage website soon.

If you would like to know more about this year's forum or have some suggestion for the 2023 ACT Health GP Policy Forum, please get in touch with <a href="mailto:melinda.a.choy@act.gov.au">melinda.a.choy@act.gov.au</a>. Thank you again to all who engaged.

# The Kindergarten Health Check (KHC)

From 2023, GPs will receive the KHC physical health check results **electronically** via the Digital Health Record [DHR]. Parents/guardians will be able to see their child's results by logging in through MyDHR, or by post if requested.



Posted letters and reports for children with moderate—high risk parental concerns and scores on PEDS, SDQ and /or ACEs will still be sent to the nominated GP/practice from the AUGP KHC team.

Adverse Childhood Experiences [ACEs] has been integrated into the KHC questionnaire since 2020, and the AUGP is in the process of evaluating the acceptability and feasibility of inclusion with parent/guardians, GPs and health teams administering the program. (See PracNet article on previous page).

#### Academic Registrar – AUGP 2022 and 23



In January we welcomed **Dr Matt Smith** to the Unit as the Academic Registrar for 2022. It's been a real pleasure and an asset having Matt on board as part of the team and we'll miss him greatly. Matt has kindly provided a summary of his time with us. "As we quickly approach the end of 2022, my academic registrar post is also coming to a close and it feels like only yesterday when I joined the team. I have thoroughly enjoyed the year, with Jason Agostino supervising my research on health checks for Aboriginal and Torres Strait Islander peoples. I have also enjoyed teaching the year 3

medical students, even with the challenges of zoom and COVID thrown into the mix. Perhaps I shouldn't admit it, but I really really enjoyed grading the exam papers with Charles.

With Jason's guidance, my research has been progressing well and working with a large research team has been a new experience. I also want to acknowledge all the efforts of Uday Yadav, who is the lead in our research team. Our research aims to understand the who, what and how of good health checks. I presented a protocol paper on our research at the AAAPC conference in August and I presented a poster at the GP22







conference in Melbourne last month. I am also very excited about an upcoming visit to the Yura Yungi medical service in Halls Creek with A/Prof Katrina Anderson, as part of our research.

I wanted to take the chance of saying a big Thank You! To all the staff in the unit, for all of your support this year and especially making me feel so welcome. It's always a trap thanking people specifically by name - so I will resist...except to say, it's been my privilege to work here and I hope we will cross paths again in the future."

We are pleased to announce that **Dr Daniel Mogg** we be joining us in February as our Academic Registrar for 2023. His research project will be a qualitative study looking at *The Experience of General Practitioners Discussing "Low-Carb" Diets With Patients and Peers.* 

#### STAFF RECOGNITION

#### **Prof Kirsty Douglas**



The Inaugural AAAPC Neil Carson medal for outstanding contributions to primary care education was awarded at to Professor Kirsty Douglas at the Australasian Association for Academic Primary Care AGM on 16 August 2022.

The award recognises Kirsty's sustained commitment to leadership in primary care and medical education in Australia, and substantive international contribution. The judges noted Kirsty's increased and outstanding contribution to academic practice including education and teaching over recent years with her shift to full-time academic/clinical practice. Congratulations Kirsty!

#### Prof Emily Haesler

Best Oral Abstract World Union Wound Healing Societies Conference (2022): *Consensus definitions on wound infection terminology* 

**First place** in World Union Wound Healing Societies 2022 Support Organisations International Research Competition





# Academic Unit of General Practice

Co-investigator and methodologist: *Development of the Wound Infection in Clinical Practice Consensus Document (second edition)* 

**Third place** in World Union Wound Healing Societies 2022 Support Organisations International Research Competition

Co-investigator: Developing and Implementing a Smart Phone Based App for Pressure Ulcer/Injury Prevention and Treatment for Use at the Bedside

**Top 10 place** in World Union Wound Healing Societies 2022 Support Organisations International Research Competition

Lead investigator: Consensus definitions on wound infection terminology



#### DG Awards 2022

**Dr Dagmar Ceramidas** – Business Manager, AUGP Category of Quiet Achiever - HIGHLY COMMENDED

• CITATION: Dagmar is a prime example of someone who quietly and consistently beavers away at some of the less high profile, but critical roles that keep a workplace moving forward including budgeting, audits, planning and policy responses. Dagmar is supportive and a great communicator, and she keeps the AUGP team cohesive, functional and stable despite the many challenges across both ANU and ACT Health.

#### **NEWS IN BRIEF**

A newsletter wasn't produced in the second half of 2021; however, it didn't stop some wonderful achievements for AUGP and GPs in the ANUMS. We'd like to acknowledge the following milestones attained in what was a difficult year during the Covid pandemic -

- Academic Registrar Dr Seren Ovington received the GP Synergy Award for the Murrumbidgee & ACT Registrar of the Year 2021GP
- A/Prof Karen Flegg (Rural Clinical School) was voted in as President Elect of the World Association of Family Doctors (WONCA).
- A/Prof Karen Flegg and Prof Amanda Barnard received Fellowship of WONCA for long-term contributions.
- Co-authors Dr Liz Sturgiss, Dr Kathleen O'Brien, Dr Jason Agostino, Nick Elmitt and Prof Kirsty Douglas (AUGP) were voted as the best paper at the North American Primary Care Research Group (NAPCRG).
- Dr Katelyn Barnes led the Australian team's (with Prof Kirsty Douglas, Dr Sally Hall, and Dr Kathleen O'Brien) contributions to the International Forum of NAPCRG.
- Dr Janelle Hamilton won a ANU VC award for her support of clinical skills during COVID
- Dr Penny Burns was recognised by the RACGP who awarded her the ACT/NSW Faculty Award for Service for her "tireless work in NSW/ACT, Australia and internationally as a disaster medicine practitioner, researcher, policy maker, and educator and as a passionate advocate for GP involvement in disaster planning and response."







 Dr Louise Stone –Youth Coalition of the ACT 2021won the Outstanding Contribution to Young People Award

#### **Farewells**



Sadly we say farewell to **Dr Jason Agostino**. Jason leaves his position at the AUGP and the School of Medicine and Psychology to give more time to the NACCHO as he works on primary care reform and implementing the priority reforms of the National Agreement on Closing the Gap. We hope that Jason will still continue with EBM teaching in 2023.....watch this space!

After more than a decade of teaching ANU medical students, **Dr Janelle Hamilton** was given a warm farewell before her retirement. Knowing Janelle, we fully expect to see her 'around' from time to time!









## Published articles/papers: End of 2021 and 2022

Barnes K, Ceramidas D, Agostino J, Douglas K. (2022). Afterhours presentations to community-based primary care in the Australian Capital Territory. *A J Prim Health 28* (3) 10.1071/PY21261

Barnes K, Ceramidas. D., Douglas K. (2022). Why patients attend after-hours medical services: a cross-sectional survey of patients across the Australian Capital Territory. *A J Prim Health*. 28(6) 549-555 https://doi.org/10.1071/PY22087

Barnes, K., Hall Dykgraaf, O'Brien, K, Bui, N., Douglas, K., Eggleton, K., Wong, S., Etz, R, Goodyear-Smith, F. (2022). A novel methodological approach to participant engagement and policy relevance for community-based primary medical care research during the COVID-19 pandemic in Australia and New Zealand. Details on request

Barnes K, H. D. S., de Toca L, Wright M, Kidd M. (2022). Primary care is the ideal setting to promote COVID -19 vaccination for children *MJA online: 21 November 2022*. doi:10.5694/mja2.51769

Beck, A. P., N; Tessier, LA; Grad, R; Kidd, M *et al.* (2022). Interventions to address potentially inappropriate prescriptions and over-the-counter medication use among adults 65 years and older in primary care settings: protocol for a systematic review. *BMC Fam Practice, Syst Rev 11, 225 (2022)*. doi: <a href="https://doi.org/10.1186/s13643-022-02044-w">https://doi.org/10.1186/s13643-022-02044-w</a>

Butler DC, Agostino J., Paige E, Korda RJ, Douglas KA, Wade V, Banks E. (2022). Aboriginal and Torres Strait Islander health checks: sociodemographic characteristics and cardiovascular risk factors. *Public Health Res Practice, Mar* 10;32(1):31012103. doi: 10.17061/phrp31012103. PMID: 35290999.

Chhabra, M., Perriman, D., Phillips, C., Parkinson, A., Glasgow, N., Douglas, K., Desborough, J. (2022). Understanding Factors affecting 30-day Unplanned Readmissions for Patients undergoing Total Knee Arthroplasty (TKA): The ACT Transition from Hospital to Home Orthopaedics Survey. *BMJ Open* 2022;**12**:e053831. doi: 10.1136/bmjopen-2021-053831

Dania A, Nagykaldi Z, Haaranen A, Muris JWM, Evans PH, Mäntyselkä P, & van., Weel C. (2022). A Review of 50 Years of International Literature on the External Environment of Building Practice-Based Research Networks (PBRNs). *J Am Board Fam Med* 35(4), 762–792

Davis D, R. C., Williamson R, Kurz E, Barnes K, Behie A, Nolan, C; Phillips, C. et al. . (2022). Opportunities for primary health care: a qualitative study of perinatal health and wellbeing during bushfire crises. Family Practice. 2022. *Fam Practice, cmac133*. doi:https://doi.org/10.1093/fampra/cmac133

Davis, S., Roberts, L., Desborough, J., Hall Dykgraaf, S., Burns, P., Kidd, M., Lokuge, K. (2022). Integrating General Practice Into the Australian COVID-19 Response: A Description of the General Practitioner Respiratory Clinic Program in Australia. *Ann Fam Med 20* (3), 273-276. doi:https://doi.org/10.1370/afm.2808

Desborough J., Wright M., Parkinson A., Hall Dykgraaf S., Ball L., Dut G. M., Sturgiss E, De Toca L, Kidd, M. (2022). What strategies have been effective in optimising COVID-19 vaccine uptake in Australia and internationally? *A J GP*, *51*(9). doi: 10.31128/AJGP-05-22-6427

Desborough, J. Blashki., G; Hall Dykgraaf, S; Vine, R; Roddam, M; Munindradasa, A; Kidd, M. (2022). Rapid deployment of support for a mental health crisis: 10 priorities framing Australia's COVID-19 pandemic response. *A J Prim Health 28(4) 271-282*. doi: https://doi.org/10.1071/PY22006

Desborough, J. H. D., S; Sturgiss, E; Parkinson, A; Dut, G; Kidd, M. (2022). What has the COVID-19 pandemic taught us about the use of virtual consultations in primary care? *A J Gen Med*, *51*(3).







Paige E, Banks E, Agostino J, Brieger D, Paige K, Joshy G, Barrett E, Korda R. (2022). The relationship of socioeconomic factors to the use of preventative cardiovascular disease medications: A prospective Australian cohort study. *Preventive Med*, *154*(January 2022), 106884. doi:https://doi.org/10.1016/j.ypmed.2021.106884

Goodyear-Smith, F., Kidd, M., Oseni, T., Nashat, N., Mash, R., Akman, M, Phillips R, van Weel, C. (2022). International examples of primary care COVID-19 preparedness and response: a comparison of four countries. *Fam Med and Community Health, 10:e001608*. doi:doi:10.1136/fmch-2022-001608

Hall Dykgraaf, S. D., J; Sturgiss, E; Parkinson, A; Dut, G; Kidd, M. (2022). Older people, the digital divide and use of telehealth during the COVID-19 pandemic. *A J GP*, 51(9), September 2022. doi:10.31128/AJGP-03-22-6358

Hobby J, C. J., Barnes K, Mitchell L, Parkinson J, Ball L. . (2022). Effectiveness of interventions to improve health behaviours of health professionals: a systematic review. . *BMJ Open, 12*(9):e058955. doi:http://dx.doi.org/10.1136/bmjopen-2021-058955

Kidd, M. (2022). RCGP John Hunt Lecture 2021: General practice during a pandemic: seven big ideas. *B J GP, 72* (714): 40-41. doi:https://doi.org/10.3399/bjgp22X718241

O'Brien K, Barnes K, Hall Dykgraaf S, Douglas, K. (2022). COVID-19 vaccinations and counselling: a mixed-methods survey of Australian general practice in July 2021. *A J Prim Health*. doi:https://doi.org/10.1071/PY21301

O'Brien, K., Agostino, J., Ciszek, K., & Douglas, K. (2022). Parents' perceptions of their child's weight among children in their first year of primary school: a mixed-methods analysis of an Australian cross-sectional (complete enumeration) study. *Intl J Obesity*. doi:10.1038/s41366-022-01068-5

Parkinson, A. Matenge, S, Desborough, J; Hall Dykgraaf, S; Ball, L; Wright, M; Sturgiss, E; Kidd, M. (2022). The impact of COVID-19 on chronic disease management in primary care: lessons for Australia from the international experience. *MJA*, *216*(9), 445-448. doi:https://doi.org/10.5694/mja2.51497

Shuldiner, J., Schwartz, K.L., Langford, B.J; Kidd M, *et al.* (2022). Optimizing responsiveness to feedback about antibiotic prescribing in primary care: protocol for two interrelated randomized implementation trials with embedded process evaluations. *Implem Sc, 17, 17 (2022)*. doi:https://doi.org/10.1186/s13012-022-01194-8

Stone, L. (2021). No, we are not OK. BJGP, 71 (712), 511. doi:https://doi.org/10.3399/bjgp21X717557

Stone, L. (2021) Webinar: "Doctors health and wellbeing: Managing the burden of care in general practice". In Webinar (Ed.) <a href="https://gpsynergy.zoom.us/webinar/register/WN">https://gpsynergy.zoom.us/webinar/register/WN</a> kfwXxcIFTbaRLIqIrUzYUQ: GP Synergy

Stone, L., Olsen, A. (2022). Illness uncertainty and risk management for people with cancer. *A J Gen Med*, *51*(5). doi:10.31128/AJGP-05-21-5992

Sturgiss, E. D., G; Matenge, S; Desborough, J; Hall Dykgraaf, S; Mazza, D;Kidd, M. (2022). COVID-19 and access to sexual and reproductive healthcare for young people: An overview of the international literature and policy. An overview of the international literature and policy. A J GP, 51(4) (April 2022).

Sturgiss, E. D., J; Hall Dykgraaf, S; Matenge, S; Dut, G; Davis, S; de Toca, L; Kelly, P; Kidd, M. (2021). Digital health to support primary care provision during a global pandemic *AHR*, *46*(**3**), 269–272. doi:10.1071/AH21263

Thurber KA, Barrett E, J, A., Chamberlain C, Ward J, Wade V, et al. (2021). Risk of severe illness from COVID-19 among Aboriginal and Torres Strait Islander adults: the construct of 'vulnerable populations' obscures the root causes of health inequities. *ANZ J Public Health*, *45* (4). doi:DOI:10.1111/1753-6405.13172

Tiedemann, J., Stone, L., & Hespe, C. (2022, Monday April 18 2022). System 'falling apart' + 'Trainee GP numbers plummet' written by Hannah Neale and pictures by Elesa Kurtz, Newspaper front page. *The Canberra Times*, p. page 1 continued page 6. Retrieved from https://digital-print-

 $edition. aust community media. com. au/CT/2022/04/18/3 dissue/index. html? fbclid=lwAR37XxYCDNSzdUd0JhcPQEN-TbHLakysmtgbTloHOBoAT\_ELT\_ftfvGU-qU$ 







Tran, M., Wearne, S., Tapley, A., Fielding, A., Davey, A., van Driel, M. et al., e. (2022). Transitions in general practice training: quantifying epidemiological variation in trainees' experiences and clinical behaviours. *BMC Med Ed, 22:124*.

Williams V, Broom A., Kenny, K, Degeling C, Hor, S, Broom J, Wyer M, Burns P, Gilbert, G. (2021). Entanglements of affect, space, and evidence in pandemic healthcare: An analysis of Australian healthcare workers' experiences of COVID-19. *Health & Place*, 72, 102693. doi:https://doi.org/10.1016/j.healthplace.2021.102693

van Dijk, I., van Beek, M. H., Arts-de Jong, M., Lucassen, P., van Weel, C., Speckens, A. (2022) Experiences of clinical Clerkship Students with Mindfulness-Based Stress Reduction: A Qualitative Study on Long-Term Effects. *Frontiers in Psychology*, *13*. doi:https://doi.org/10.3389/fpsyg.2022.785090

van Weel, C. (2022). Touching Wood with NAPCRGs 50th anniversary. Fam Prac. doi:10.1093/fampra/cmac031

Vincze L, Barnes K, Somerville M, Littlewood R, Atkins H., Rogany A, Williams L. (2021). Cultural adaptation of health interventions including a nutrition component: A systematic scoping review, *Intl J Equity in Health, 20 (1), 1-13.* doi:https://doi.org/10.1186/s12939-021-01462-x

Vujovich-Dunn, C., Wand, H., Brotherton, J. M. L., Gidding, H., Sisnowski, J., Kidd, M., et al (2022). Measuring school level attributable risk to support school-based HPV vaccination programs. *BMC Public Health, 22*(1), 822. doi:10.1186/s12889-022-13088-x

White D, Carroll J., Crann S, Shapiro M, Whitehead C, Freeman R, Glizer R, Martin D, Kidd M. (2021). A Master Class in Family Doctor Leadership: Evaluating an Innovative Program. *Fam Med and Community Health*, *53*(**8**):701-707. doi:10.22454/FamMed.2021.512946

Yeung, S., Perriman, D., Chhabra, M., Phillips, C., Parkinson, A., Glasgow, N., Douglas, K, Cox, D, Desborough, J. (2022). ACT Transition from Hospital to Home Orthopaedic Survey: a cross-sectional survey of unplanned 30-day readmissions for patients having total hip arthroplasty. *BMJ Open, 12*(5), e055576. doi:10.1136/bmjopen-2021-055576



