

Fields	Responses
Research Team	
<p>Who is involved in the research project?</p> <p>List all personnel and their role e.g. lead investigator, co-investigator and include: Title and Name Institution/Organisation Role on project</p> <p><i>Please identify GP and/or primary care researchers</i></p>	<ul style="list-style-type: none"> • Wing Ho Oliver Yeung, Bond University, Lead investigator • Professor Mark Morgan, Bond University, Supervisor, GP and co-author of the RACGP Guidelines for opioids • Dr James Todd, Bond University, Supervisor
Project Details	
Project title	Which patients are at risk of becoming long term opioid users: Retrospective analysis of primary care data from the Gold Coast
Project funding - what control does the funder have on the research or dissemination?	There is no funder for this project.
What is the primary care/PHN priority that your research addresses? (max 200 words)	<ol style="list-style-type: none"> 1. Population Health – data-informed approach to a high-risk cohort. 2. Alcohol and Other Drugs – to provide important insights into the extent and nature of long-term prescription opioid use. 3. Digital Health – demonstrating the insights obtained by data analysis from a primary care data set. 4. Mental Health – to provide insights for commissioning and coordination of drug and alcohol services. 5. Quality Care –to advance data analysis expertise that will enable PHN to support quality care programs for willing GP clinics.
How will your project benefit patients and/or staff in general practice? (max 200 words)	The goal of the project is to identify the types of patients who are at risk of becoming long-term opioid users, which supports the delivery of interventions and alternative pathways to high-risk patients. At the patient-level, benefits stem from the potential avoidance of unnecessary long-term opioid use and its related harms.

	The project will also demonstrate the value of Primary Sense as a tool that can give valuable insights into primary care, particularly quality use of medicines.
What is involved for GPs (max 200 words)?	As the data involved in the proposed research is retrospective and is intended to be extracted from Primary Sense, no active involvement for GPs is required. General practices will, however, be given an opportunity to opt out of the research if they wish, and individual practices will not be identified in the data.
Who is involved in the research project? <i>Insert name, organisation and role on the project e.g. lead investigator, student, etc.</i>	Wing Ho Oliver Yeung, Bond University, Lead investigator Professor Mark Morgan, Bond University, Supervisor, GP and co-author of the RACGP Guidelines for opioids. Dr James Todd, Bond University, Supervisor Dr Alyson Ross, Gold Coast PHN, Director of Commissioning (Systems) Dr Jerneja Sveticic, Gold Coast PHN, Health Intelligence and Research Manager Brandon Ibbotson, Gold Coast PHN, Developer
What is involved for other practice and/or PHN staff (max 200 words)? Please be specific and provide details including, if applicable: <ul style="list-style-type: none"> • assist in data collection (specify number or participants, data collection method and tools) • recruitment (specify recruitment strategies) • surveys • organising focus groups 	As the data involved in the proposed research is retrospective and is intended to be extracted from Primary Sense, no active involvement for practices is required. They will, however, be given an opportunity to opt out of the research if they wish. PHN staff will be involved in the project as data custodians. This role will either involve assistance in extracting appropriate data from Primary Sense for analysis by the lead investigator, or supervision of the lead investigator in the analysis if data must remain on-site. Additionally, PHN staff will assist in ensuring all relevant practices are notified of the proposed research and given sufficient time to opt out if they choose. Lastly, PHN staff will be involved in approving any dissemination of research to ensure it is appropriate and aligned with the broader goal of improving patient outcomes.
Will there be any technical changes required to Primary Sense functionality?	No change is expected to be required to Primary Sense functionality.

What is involved for patients (max 200 words)?	As the data involved in the proposed research is retrospective and is intended to be extracted from Primary Sense, no active involvement for patients is required. All data used in the project is de-identified to ensure the privacy of patients as well as GPs.
How will participants' contribution to your research be acknowledged and/or honoured?	The contribution of participants to the research, both patients and GPs, will be acknowledged within any dissemination of research (e.g. in the acknowledgements of a publication) and final report. As all data is anonymised prior to analysis to avoid identification of GPs or patients, this acknowledgement will necessarily be general in nature.
Ethics approval?	
Has this research received ethical approval? (options are yes/no/exemption)	Yes
Which ethics committee/s?	Bond University ethics approval JS 00677 (valid until 28 June 2025)
Research	
What are you asking the PHN or Primary Sense Clinical Advisory Committee to do for you? Please provide detail including wording for any email invitation if appropriate.	<p>PHN staff will be asked to provide GPs with an opportunity to opt out of the research, assist with data extraction, and approving any research dissemination.</p> <p>When providing GPs with an opportunity to opt out of the research, we would be happy to discuss the most appropriate wording with PHN staff. It is expected that the email invitation specifies the goal of the research (to the type of patients, demographic and clinical factors associated with long term opioid) and intended benefit to practice. It is also hoped that the invitation highlights that individual practices and patients will not be identified, in keeping with the goal of using Primary Sense data for quality improvement rather than monitoring.</p> <p>Data intended to be used in the project, and requiring corresponding assistance from the Gold Coast PHN, consists of retrospective data of GP visitations between 2017 to 2022. This data should include simple patient demographic information, drug/prescription information, and reasons for visitations. These data categories</p>

	have been supported in literature view to provide significance in determining long-term prescription opioid dependency risk.
Dissemination of research findings	
How will findings from your research be disseminated? Please provide as much detail as possible, e.g. target journals, conference names etc.	Intended dissemination of the research encompasses an honours thesis, publication in a peer reviewed journal pertaining to health informatics or primary care, and presentation at a national conference such as the RACGP annual conference GP24.
How will you report back to Primary Sense Clinical Advisory Committee?	Research will initially culminate in a thesis prepared by the lead investigator as part of their honour's degree requirements. This thesis will be provided to the Primary Sense Clinical Advisory Committee, or other appropriate nominated group, to be approved and potentially modified before being finalised. This thesis will serve as the primary reporting tool unless otherwise required.