## Continuous Quality Improvement (CQI)

## Management of COVID-19 high-risk and vulnerable patients using CAT 4 and Primary Sense*™*

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| **CQI steps** | | **Ask-Do-Describe** | |
| **Data report 1 - baseline** | **First CQI meeting** | **Why do we want to change?** | |
| * Gap | Currently there is a gap in the practice system to advise high risk and vulnerable patients of services, resources, updates and availability of health care options accessible during the COVID-19 pandemic. |
| * Benefits | Proactively manage high-risk and vulnerable patients of contracting COVID-19 to minimise poor health outcomes. |
| * Evidence | There are a significant number of patients in the practice population that are at increased risk of poor health outcomes should they contract COVID-19  [Health Direct – Groups at higher risk of developing COVID-19](https://www.healthdirect.gov.au/coronavirus-covid-19-groups-at-higher-risk-faqs)  [Department of Health – What you need to know know about COVID-19](https://www.health.gov.au/news/health-alerts/novel-coronavirus-2019-ncov-health-alert/what-you-need-to-know-about-coronavirus-covid-19) |
| **What** do we want to change? | |
| * Topic | Increased awareness and proactive support provided to vulnerable and at-risk patient target groups |
| * Scope | All at risk and vulnerable patients identified at the practice contacted (Tip: could choose one population target group at a time to test process then implement more broadly) |
| **How much** do we want to change? | |
| * Baseline (%) | To be determined from selected report (dependent on which population target group is identified) |
| * Sample (Number) | All vulnerable and high-risk patients who will be targeted (e.g. how many patients 70 years and above, how many patients with a Cancer diagnosis) |
| * Target (%) | 100% of identified at risk and vulnerable patient target group contacted and offered appropriate care |
| * Preparedness | All staff provided training as per the Pandemic and Business Continuity Plan |
| **Who** are involved in the change? | |
| * Leads   Contributors | Lead by Practice Manager and Principal GP  All staff |
| * External | PHN/DoH/QLD Health/Patients |
| **When** are we making the change? | |
| * Deadlines | Immediate start – ongoing as advised |
| **How** are we going to change? | |
| * Potential solutions | * Triage appointment requests and optimise [MBS telehealth](http://www.mbsonline.gov.au/internet/mbsonline/publishing.nsf/Content/news-2020-03-01-latest-news-March) item numbers where clinically appropriate * Postpone non-essential consultations and consider completing care plans and reviews required to develop exacerbation plans for chronic disease patients * Offer special vaccinations clinics **only** for target group as predetermined times (consider when is the best time depending on the age of group) refer to individual population groups immunisation examples – [Gold Coast Immunisation Clinics](https://www.goldcoast.health.qld.gov.au/our-services/immunisation/free-community-immunisation-clinics) * Consider how to manage Influenza vaccination clinics that minimise number of vulnerable patients waiting for general population immunisation program (given that there is expected to be a higher uptake this year) * Send SMS/emails to select group to advise of opening hours, how to see a GP, access to updates and advice on COVID-19, special clinics etc (*consider the “recall” function to keep in touch with patients)* * For older populations, consider a practice newsletter with COVID-19 advice and relevant information * Display information in waiting room (including videos), on doors, noting particularly **access to afterhours support** * Update on hold telephone and answering machine messages to reflect changes and processes * Update practice webpage and keep patients informed using social media (if available) * Consider promoting Mental Health services  [Lifeline – Mental Health and Wellbeing During the COVID-19 Outbreak](lifeline.org.au/get-help/topics/mental-health-and-wellbeing-during-the-coronavirus-covid-19-outbreak) * Where appropriate promote completion of Advance Care Plan [Advance Care Planning Australia](https://www.advancecareplanning.org.au/#/) * Ensure Health Summaries and Event Summaries (where appropriate) are uploaded to My Health Record for all patients * *Consider other options that might be applicable in the practice* |
| * Select | *Choose potential solutions that will work well in your practice and meet the needs of your patients and team.* |
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| * **Implementation** | | * Implement | *Describe the steps, staff responsible and time frames*  *1. Generate baseline measure/target patient list of vulnerable and high-risk patients (Reports, depending on target population) from CAT4 OR Primary Sense™*  ***CAT4 Reports*** *(select one):*  <https://help.pencs.com.au/display/CR/COVID-19>  ***OR Primary Sense****™* ***Reports*** *(select one):*  *Pregnancy and Vaccinations, Chronic Lung Disease and Asthma, Patients with high complexity (4 & 5)*  *2. Patient list provided to receptionist*  *3. Recall and/or flag high risk and vulnerable patients and offer clinically indicated immunisations* |
| * Record, share | *Regular whole team meetings to evaluate, review planning and implementation. Optimise team meeting minutes as a record of your activities.*  [*CQI practice meeting template*](https://gcphn.org.au/wp-content/uploads/2020/02/CQI-Practice-Meeting-Template.docx) |
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| **Data Report 2**  **Comparison** | **Final CQI meeting** | **How much** did we change? | |
| * Performance | *Did you achieve your target?* |
| * Worthwhile | Did the activity provide the outcome expected?  Did this process provide patients with the required information and services? |
| * Learn | What lessons learnt can you use for other activities, what worked well, what could be changed or improved? |
|  | **What next?** | |
| * Sustain | *Implement new systems and processes into business as usual* |
| * Monitor | *Consider monthly data review of eligible at-risk groups and invite to attend services etc (eg new pregnancies, just turned 70 years old, patients with newly diagnosed chronic conditions etc)* |