Primary Sense
Clinical decision support for general practitioners

Primary Sense is an easy to use clinical decision support, population health management and data extraction tool that helps general practitioners (GPs) deliver the right care to patients at the right time.

The software extracts de-identified data from a general practice every three to five minutes. The de-identified data is securely transferred to a central database where it is run through analytics and evidence-based algorithms, including the Johns Hopkins University ACG System that identifies high-risk groups and predicts future health needs to improve a patient's care plan.
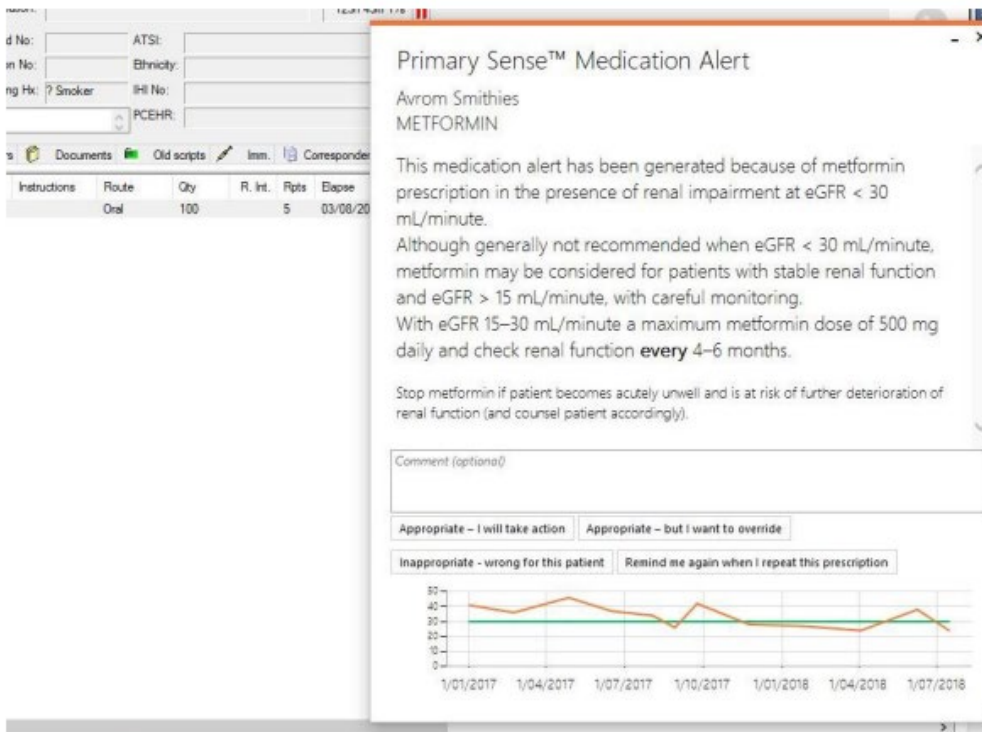
To help support clinical decisions, the processed data is presented back to GPs within the practice as real-time, on-screen medication alerts and patient-care prompts.

Medication alerts at the point of prescribing

As an added safety net for GPs, Primary Sense provides real-time medication alerts at the point of prescribing.

For example, if a GP is about to prescribe a medication to a patient that may cause an issue, Primary Sense will display an immediate, on-screen medication alert (shown below) that includes an evidence-based rationale with links to references and graphs of the patient's relevant pathology results where possible.

Example of an alert. Graphs contain the patient's actual clinical results

Scan for a short video about medication alerts

After reviewing the medication alert, the GP can select the appropriate action and write a comment. For more information, refer to the manual or video about medication alerts.

Patient-care prompts

Primary Sense provides GPs with on-screen prompts for at-risk patients, highlighting potential gaps in care, together with the patient's Complexity Score and Hospital Risk Score according to the Johns Hopkins University ACG System. Prompts are particularly useful for at-risk patients who see different GPs.

The on-screen prompts (shown below) appear at the time of consult when the patient file is open in the clinical software. The prompt window displays a maximum of three elements, prioritised from the top down.

Scan for a short video about Primary Sense and prompts

After reviewing the prompts, the GP can select the appropriate action and write a comment. The prompts can be reviewed at the end of the day if needed. For more information, refer to the manual about prompts or the video about Primary Sense and prompts.

Further information

For further information about Primary Sense:
- Contact the Practice Assist team to book a time that suits your practice and staff. Call 1800 2 ASSIST (1800 2 277 478) or email practiceassist@wapha.org.au
- Visit the Primary Sense webpage in the Practice Assist Tool Kit.