GCC: Anaesthesia

PreOp module

Self Assessment for
Christian Dunstan   0717693967 (MTI)

ⓘ This is a Self-Assessment

⌄ **Patient Alerts**   Not Started

Summary | 🔔 | 📋 | ✏️ | 🖊️ | 🚫 | 👁️ | ⚕️ | ♿ | 📄 | 📋

⚠️ **Alerts (1)**	📋 **Comorbidities (0)**	✎ **Current Medications (1)**
Warning Tramadol - Moderate View All	No comorbidities have been recorded for this Patient.	Tramadol View All

Key risk indicators [1] Warning [1] Action Required [0] Respiratory Risk [0] Discharge Risk   ✖ Cancel 💾 Save In Progress ✔ Save

General Health

1a. Do you smoke?	☐ Yes	☑ No
1b. Do you drink alcohol?	☑ Yes	☐ No

⌗ How much?
☑ Less than 3 drinks per day
☐ More than 3 drinks per day

1c. Have you had a problem with an Anaesthetic before?	☐ Yes	☑ No
1d. Have you ever suffered from blackouts or fainting	☐ Yes	☑ No
1e. Do you have any specific dietary requirements?	☐ Yes	☑ No
1f. Have you had a cold, a throat or chest infection or bronchitis within the past four weeks?	☐ Yes	☑ No
1g. Have you had diarrhea or vomiting within the past three days?	☑ Yes	☐ No
1h. Are you pregnant?	☐ Yes	☑ No
1i. Do you suffer from mental health problems?	☐ Yes	☑ No

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Back to Main Menu
Dashboard
Search
Self Assessment Inbox
Patient Dashboard
Self Assessment
  General Health
  Respiratory
  Cardiac
  Social

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GCC

PreOp is a module in GCC suite, a fully integrated suite of clinical software modules designed specifically for the acute care environment.

Individual modules automatically capture patient data in the preoperative, intraoperative and postoperative phases and include acute pain management recording.

Each patient's medical history is collated into a consolidated record that is accessible from any secure portal, ensuring that clinicians can access the right patient information at any time.

GCC modules are accessed via purpose-built Getz Touch medical-grade hardware devices installed in induction bays, operating theatres and PACU/ recovery rooms, or via web-based portals suited for both personal computers and mobile devices.

Our enterprise-level subscription offering is scalable so it grows as your hospital or group of hospitals grows. The architecture of our modules complies with HL7 standards, ensuring seamless interfacing with hospital patient administration systems, theatre booking systems and all models of patient monitoring equipment.

Module overview

The GCC *PreOp* module enables clinicians to manage preoperative assessments of patients through multidisciplinary and customisable questionnaires.

PreOp is a web-based module that can be accessed from any standard browser with an internet connection.

Patients can complete an online health assessment from their home or from a kiosk located in a preoperative or surgical clinic. Completed questionnaires are saved in the GCC *Chronology* module included with any installation at no cost.

Clinicians can review patient self-assessments and document:

- anaesthetic, surgical and medication history
- allergies and alerts
- examination data (Mallampati, vitals and dentition details)
- risk assessment criteria (smoking, alcohol, recreational drug use, and heart and respiratory issues that can affect patient safety in surgery)
- post-procedure care
- radiology, pathology and investigative orders and results

Alerts can be added to warn clinicians of adverse reactions patients may have to various substances, current medications and disabilities. These alerts trigger notifications when hospital protocols may need to be followed in relation to specific issues.

Inbuilt security protocols ensure clinicians only access patient data relevant to their role-based authorisation profile, as set by the hospital or hospital enterprise.

Benefits

- The intuitive screen design enables clinicians to capture patient data quickly and accurately, increasing the efficiency with which preoperative consultations are conducted.
- Clinicians can target specific issues that may be a risk to surgery as early in the process as possible.
- Health-related information is gathered and collated with a patient's electronic medical record (EMR) throughout their perioperative experience.
- Accurate records of health assessments and examinations are produced.
- The running costs of preadmission clinics are reduced by up to 60%.
- A greater number of patients can be assessed without increasing clinic resources.
- Potential delays in theatre can be decreased by ensuring patients do not need to attend multiple interviews.
- Operating theatre use improves due to fewer surgical cancellations.

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50+

GCC modules are used in hospitals and medical centres in four continents

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Patient Search

Clinicians can search for patient records by using multiple criteria: the patient's ID, their name, their surgeon's name, their procedure, the date their operation is scheduled and the status of their preoperative assessment.

A list of the patients who match the search criteria is then displayed, which enables clinicians to determine if a record has already been created for a patient.

Search criteria is configurable to match a hospital's current business processes to minimise disruption when implemented. For example, if a patient ID is mandatory, then this can be set.

Patient Dashboard

The Patient Dashboard provides clinicians with a summary overview of a patient's status regarding their preoperative journey within a hospital enterprise. Clinicians can view the latest patient information recorded on a series of tabs.

These include Alerts, Medications, Surgical History, Adverse Reactions, Disabilities and Notes. Selected patient history is automatically collated under the Summary tab.

Clinicians can email self-assessment questionnaires directly to patients.

Completed patient questionnaires are saved as Adobe PDF documents and collated in the Getz Clinical *Chronology* module.

Alerts automatically appear on GCC modules *Induction*, *IntraOp* and *PACU*.

Patient Observations

The Patient Observations screen allows clinicians to record patient examination data such as Mallampati, vitals and dentition details. This information is recorded on patient reports.

A patient's height, weight and body mass index values are automatically added to the GCC modules *Induction*, *IntraOp* and *PACU*.

Patient Self-Assessment Questionnaire

The self-assessment questionnaire is simple to use and can be accessed by patients from their home or work, minimising unnecessary travel to preoperative clinics. From the answers provided by patients, clinicians can identify risk factors such as drug allergies, medical conditions and substance abuse, and create alerts for these.

Patient alerts are shared across the modules in the GCC suite so they can be reviewed by clinicians at each point in the perioperative process.

If a patient has completed a self-assessment questionnaire the clinician can review this and query or confirm specific details.

The questionnaire can be configured to suit the requirements of individual hospitals and clinics.

PreOp Assessment Questionnaires

Hospitals can create their own preoperative questionnaires adapted to existing business and clinical processes.

The number of assessment templates created is unlimited and can include clinical, nurse, pharmacy,

day of surgery and handover to theatre reports, etc.

PreOp clinical assessment questionnaire can be completed by clinicians while interviewing patients face-to-face, by telephone or video call.

Hospitals can set their own decision support tools, such as alerts for surgical risk factors that may affect the outcome of a patient's procedure or the nature of their treatment and recovery.

Patient Report

A comprehensive preoperative report is generated when a preoperative assessment is finalised.

The first page captures all decision making information related to the patient's assessment such as patient demographics, count of answers with associated risk assessments, outcome of examination and observations assessments, critical patient safety information and details of the person completing the assessment for auditing processes. Colour coding increases familiarity at a glance.

Question sets always start on the second page for familiarity of question location. Appendices are attached to the end of the report to ensure all details for the assessment period are captured at the point in time.

The report is automatically saved in the patient's electronic medical record (EMR) and in the *GCC Chronology* module. The report generated as an Adobe PDF document can be printed and included in the patient's notes. Reports can be viewed at any time in other GCC modules *IntraOp* and *PACU* operating in theatres and recovery rooms.

Draft versions of the report can be viewed at any time.

PreOp Configuration

Hospitals can modify the configuration of various *PreOp* module screens via the PreOp Admin screen in the *Admin* module, which is included with all installations of GCC at no cost.

The PreOp Configuration screen allows users to set assessment validity periods, patient information tabs, patient search criteria and alert settings for key risk indicators.

Assessment Template

The Assessment Template in the *Admin* module allows clinicians to configure any assessment questionnaire with their own questions and answers, assessment criteria and alerts.

Question groups can be created and named to categorise a collection of interrelated questions, such as General Information, Medication, Respiratory, Postoperative Care, Cardiovascular, etc.

Questions can be linked to a previous question and are triggered based on the answer to that previous question. Answers can be set for individual responses or when hospital-defined comorbidities occur.

Different assessments can be defined through parameters such as periodical or procedure based and adult or paediatric specific. Assessments are colour-coded for ease of report identification.

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Up to **60%** improvement in preadmission clinic running costs

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Getz Clinical is a world leader in perioperative information management systems.

Our solutions, implemented through our GCC suite of software modules, have been deployed in over 50 hospitals and medical centres across Asia, Europe, Africa, Australia and the Pacific.

Major customers include Singapore General Hospital, the University Hospitals of Leicester Trust in the United Kingdom and the Chris Hani Baragwanath Hospital in South Africa. In Australia our solutions are used by Lyell McEwin Hospital and Queensland Health.
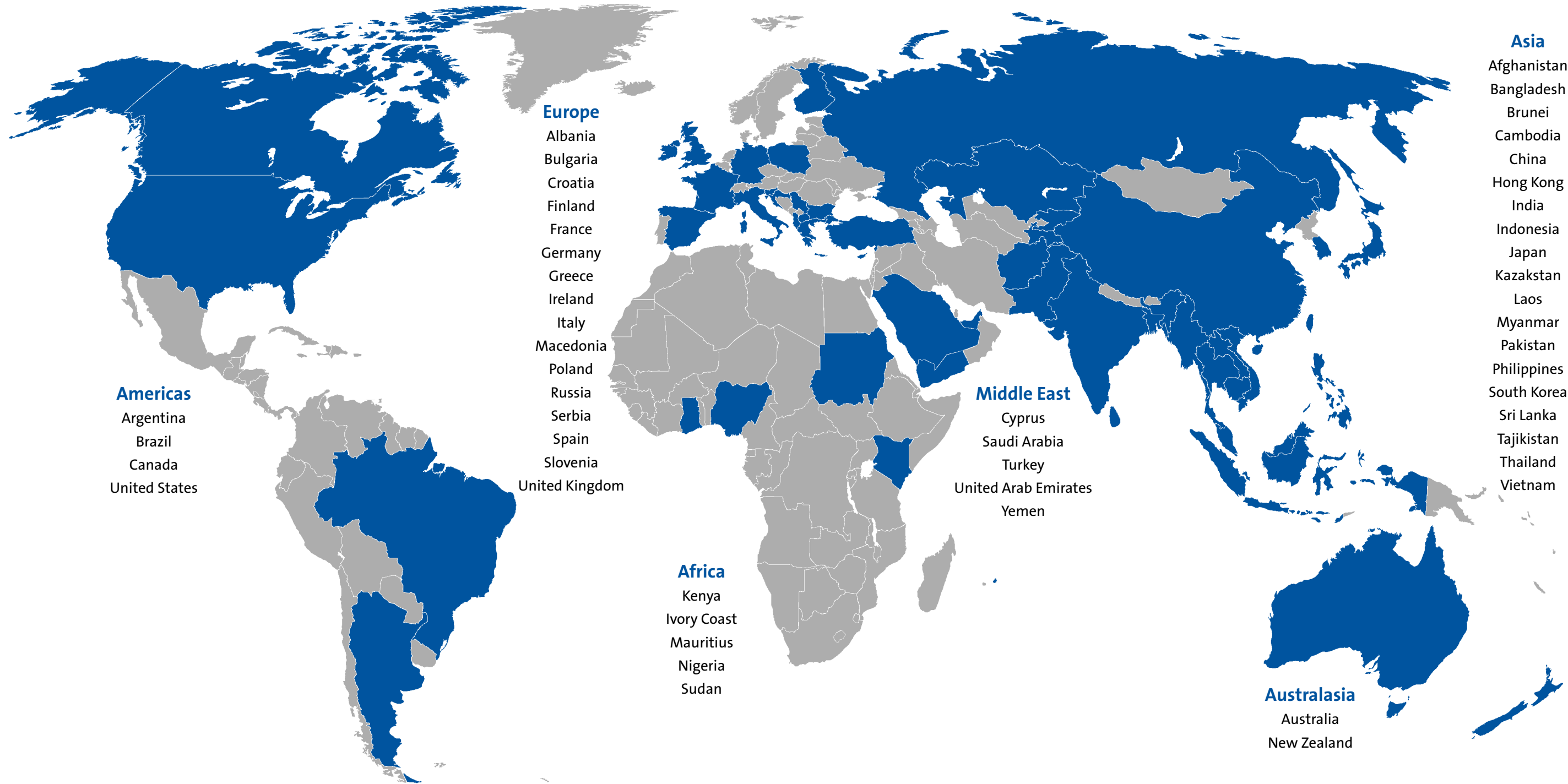
The Queensland Health project, covering 44 hospitals, remains the largest hospital network of its kind in the world.

Getz Clinical has sales and support teams operating out of seven offices in Australia, Singapore, the United Kingdom and the Philippines.

Our team of highly skilled personnel with extensive experience in providing eHealth solutions includes developers, integration specialists, project managers, clinical experts, business analysts, service delivery managers, sales managers and account managers.

Our head office is in Singapore and our development centre is located in Adelaide in South Australia.

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