

GCC: Anaesthesia

# PreOp module

Getz Clinical  
PreOp

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Dashboard

Search

Self Assessment Inbox

Patient Dashboard

Self Assessment

General Health

Respiratory

Cardiac

Social

Self Assessment for  
**Christian Dunstan 0717693967 (MTI)**

This is a Self-Assessment

Patient Alerts

Not Started

Summary

Alerts (1)

Warning

Tramadol - Moderate

View All

Comorbidities (0)

No comorbidities have been recorded for this Patient.

Current Medications (1)

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

**‘Remote computer-assisted assessment can produce quality patient health information and enable early patient work-up and triage with the potential to reduce costs through more efficient use of resources.’**

C Grant, G L Ludbrook, E J O’Loughlin, T B Corcoran, An Analysis of Computer-Assisted Pre-screening Prior to Elective Surgery, *Anaesthesia and Intensive Care*, 2012, 40, 297–304.

# 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.

**Elegant eHealth solutions  
for every hospital**

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

**50+**





# 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*.

Getz Clinical  
PreOp

Back to Main Menu

Dashboard

Search

Self Assessment Inbox

Search

Search Criteria

Patient Name or ID

Dunstan

Date of Birth

Procedure Date

Today+1 Week+1 Month

Procedure Date From

Procedure Date To

Location

Surgeon

Advanced SearchColumnsSave CriteriaClearSearch

Search Results

Patient ID	Surname	Given Name	Gender	Date Of Birth	Assessment Status	Procedure	Procedure Date	Facility	Theatre Location	Anaesthetist	Surgeon
0717693967 (MTI)	Dunstan	Christian	Male	1971/05/19	Assessments Not Started (3) Assessments In Progress (2) Assessments Finalised (2)	Lap Cholecystectomy	2018/10/24	Default Hospital	Operating Theatre 1	(P) Dr Charlotte Barker	(P) Dr Richard Jones
0717693967 (MTI)	Dunstan	Christian	Male	1971/05/19	Assessments Not Started (3) Assessments In Progress (2) Assessments Finalised (2)	Hip Replacement (Left)	2018/11/02	Default Hospital	Operating Theatre 1	(P) Dr Charlotte Barker	(P) Dr Richard Jones

Getz Clinical  
PreOp

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Search

Self Assessment Inbox

Patient Dashboard

Patient Dashboard for  
Christian Dunstan 0717693967 (MTI)

Patient Details

Name

Christian Dunstan

Patient ID

0717693967 (MTI)

Date Of Birth

1971/05/19

Age

48y 2m

Gender

Male

Height

178cm

Weight

65kg

BMI

20.52

Send a new self assessment to this address

Email Address

christiandunstan@healthmail.com

Send Self Assessment

Summary

Alerts (1)

Comorbidities (0)

Current Medications (1)

Assessments

Period: 2019/06/26 - 2019/09/18

AddDamon's FormMERCY CQMHR - Self AssessmentMHR - Self AssessmentCDHB - Pre-Surgical Screening AssessmentSample Test

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for every hospital

HIPAA (Health Insurance  
Portability and Accountability Act) compliant

# 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*.

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Patient Dashboard for

Christian Dunstan 0717693967 (MTI)

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Christian Dunstan

Patient ID

0717693967 (MTI)

Date Of Birth

1971/05/19

Age

48y 2m

Gender

Male

Height

178cm

Weight

65kg

BMI

20.52

Send a new self assessment to this address

Email Address

Send Self Assessment

Summary

Alerts

+

Lock

Edit

Cancel

Eye

U

Wheelchair

Print

Table

Observations

Height (cm)

Weight (kg)

Temp (°C)

Blood Pressure (mmHg)

Pulse (bpm)

SAT (%)

BSL (mmol/L)

Observed At

8/14/2019, 1:35 PM

+

Add

Height (cm)	Weight (kg)	BMI (kg/m2)	Temp (°C)	Blood Pressure (mmHg)	Pulse (bpm)	SAT (%)	BSL (mmol/L)	Observed At	Observed By	Date/Time Entered
178cm	65kg	20.52 kg/m²	36.7 °C	120/80mmHg	80 bpm	0 %	0 mmol/L	14/08/2019 13:35:14	Alora Grace Bartonico	14/08/2019 13:36:44
178cm	65kg	20.52 kg/m²	36.8 °C	130/80mmHg	80 bpm	99 %	100 mmol/L	03/07/2019 19:05:15	Vanessa Rose Sangalang	03/07/2019 19:05:35

Assessments

Period: 2019/06/26 - 2019/09/18

Add

Damon's Form

MERCY CQ

MHR - Self Assessment

MHR - Self Assessment

CDHB - Pre-Surgical Screening Assessment

# 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.

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MHR - Self Assessment

General Health & Wellbeing

Enduring Power of Attorney / Advanced Health Directive

Do you have, or have you in the past, had a problem with: Cancer

Cardiovascular

Dermatology

Respiratory

Neurology

Gastrointestinal

Genitourinary

Musculoskeletal System

Endocrine

MHR - Self Assessment for

Christian Dunstan 0717693967 (MTI)

This is a Self-Assessment

Patient Alerts

Not Started

Summary

Alerts (1)

Warning

View All

Comorbidities (0)

No comorbidities have been recorded for this Patient.

Current Medications (1)

Diphenhydramine

View All

Key risk indicators

0

No Action Required

0

Warning

1

Action Required

0

Follow up required

0

Respiratory Risk

0

Referral to Specialist

0

Discharge Risk

0

High Risk

0

For further Diagnostic Test

0

Fall Risk

Cancel

Save In Progress

Save

General Health & Wellbeing

Clinician Notes

1a. How much do you weigh?

Kgs

62

1b. What is your Height?

cms

165

1c. Do you smoke?


Yes

How many per day:

Smoking laws explained and information given by Nurse Nelson McDonald

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for every hospital

Getz Clinical modules used in **1200** surgical operations every day



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# 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.

Getz Clinical

PreOp

Self Assessment for

Christian Dunstan 0717693967 (MTI)

This is a Self-Assessment

Patient Alerts

Not Started

Summary

Alerts (1)

Warning

Tramadol - Moderate

View All

Comorbidities (0)

No comorbidities have been recorded for this Patient.

Current Medications (1)

Diphenhydramine

View All

Key risk indicators

Warning

Action Required

Respiratory Risk

Discharge Risk

Cancel

Save In Progress

Save

Cardiac

3a. Have you ever been diagnosed with any heart problems?

Yes

No

3b. Do you have high blood pressure?

Yes

No

3c. Do you bleed or bruise easily?

Yes

No

Social

4a. How will you get home from hospital after your stay?

Public transport

Private

4b. Do you provide care for someone living with you?

Yes

No

4c. Do you have cultural or religious needs while you are in hospital?

Yes

No

4d. If your procedure requires the removal of body parts, do you wish them to be returned for cultural reasons?

Yes

No

4e. Do you have any concerns or anxieties about coming into hospital?

Yes

No

# 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.

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Patient Details

Name: Christian Dunstan MRN: 0717693967

ABC Hospital

Patient Details

MRN: 0717693967 (MTI)  
Name: Christian Dunstan  
DOB: 1971/05/19  
Gender: Male  
Address: No Address exists for this patient.  
Procedure: Lap Cholecystectomy (2018/10/24). Hip Replacement (Left) (2018/11/02).

Risk Factors

1

No Action Required

5

Action Required

0

Referral to Specialist

0

Discharge Risk

1

High Risk

0

Fall Risk

Patient Information

Alerts (1)

Warning - Tramadol - Moderate

Comorbidities

No Items.

Current Medications

No Items.

Adverse Reactions

1 Item

Surgical History

2 Items

Special Needs

1 Item

Notes

No Items

Refer to Appendix for additional information

Completed By: Ms Vanessa Rose Sangalang

Role: Admin

Date/Time: 2019/07/03 20:35:40

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Page 1 of 7

Report Created: 2019/07/03 20:35:42

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Getz Clinical is the world’s **1st** provider of cloud based anaesthesia information management systems

# 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.

Getz Clinical Admin

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AIMS Admin Home

Security

Facilities

Configuration

Patient

Reference tables

Maintain Locations

Meds/Fluids

Bookings

Preferences

List Management

PreOp Admin

PreOp Configuration

Assessment Template

PreOp Configuration

Dashboard Configuration

Search Criteria

Search Field	Description	Basic	Advanced	Mandatory	Priority
Anaesthetist	The scheduled Anaesthetist for the Procedure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Assessment Status	The Assessment Status for the Patient for the current Assessment Period	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
Date of birth	Format = dd/mm/yyyy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
Facility	The Facility that the Patient and Procedure are booked into	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6
Location	The room within the Facility that the Patient and Procedure are booked into	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Patient Gender	Male, Female	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Patient ID or Name	Search on any part of the Patient Name or ID irrespective of ID type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Procedure	The surgery the Patient is booked for	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Procedure Date From/To	The date the Procedure is booked for via the Enterprise booking system	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5
Surgeon	The scheduled Surgeon for the Procedure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

# 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.

Getz Clinical Admin

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Manage Assessment Template

Template Details

Assessment Name

Nurse Assessment

Description

Nurse Assessment

Assessment Type

Period

Patient Type

Adult

Assessment Colour

#DA90D4

Publish

Preview

Cancel

Save

Outcome of Assessment

Elegant eHealth solutions  
for every hospital

Up to 60% improvement  
in preadmission clinic running costs





# Getz Clinical

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.

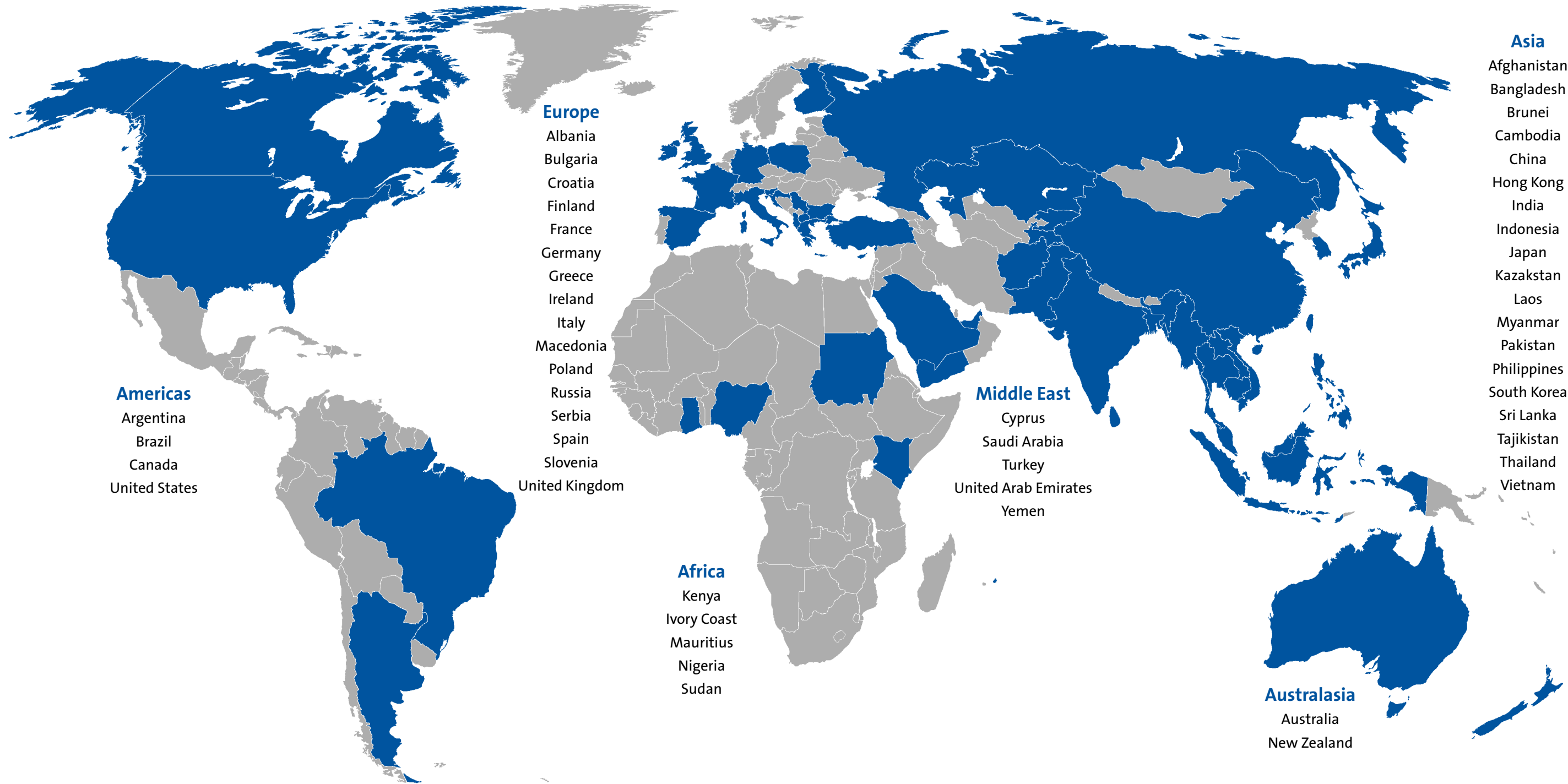
The Queensland Health project, covering 44 hospitals, remains the largest hospital network of its kind in the world.

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.

Getz Clinical is a subsidiary of the Getz Group of companies. The Getz Group, founded in 1852, is a strategic investment business. Our products and services are delivered by 12,000 employees in 50 countries, with an annual turnover exceeding US\$1.27 billion.



A member of the Getz Group  
The Getz Group is a diversified business focusing on healthcare, chemicals, distribution, retailing and hotels.

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