



# CASE STUDY

## Capricornia Division of General Practice



### About the Client

Capricornia Division of General Practice belongs to a national network that includes 110 divisions, seven State-based organisations and the Australian General Practice Network. The Capricornia Division represents more than 144 General Practitioners practising in approximately 43 general practices in the Rockhampton, Capricorn Coast and Gladstone areas.

### Program

The Program is an initiative of the Capricornia Division of General Practice and exists to address current primary health care issues within the Capricornia region using e-Health as a basis.

**The Capricornia Division has developed the following community care programs using e-Health:**

- Category 1-3 Renal Patients (Reduce the progression)
- Palliative Care (Improve quality of life)
- Diabetes (Reduce co-morbidity risk and slow progression of complications)
- Asthma (Reduce progression of complication and avoidable hospital admissions)
- Surgical (Facilitate handover of care from GP to Hospital and back to GP)
- Mental Health Case Co-ordination (Ensure continuity of care)
- Rockhampton Hospital ED (Ensure continuity of care)
- Community Nurse Coordinator (Ensure continuity of care)

**RecordPoint is being used to:**

- Increase communication of patient information by providers
- Increase the involvement of patients in their health care
- Increase access to relevant resources by providers
- Increase utilization of MBS item numbers by providers
- Provide services to suitable patients in their own home
- Reduce the number of avoidable presentations and admissions to hospital
- Encourage research and establishment of best practice
- Undertake cluster analysis for service planning
- Facilitate the timely interventions for patients through access to better communicating and better informed providers

### Project Design

The Project is funded by a number of stakeholders, including the Department of Health and Ageing and Queensland Health. Capricornia Division of General Practice provides the central referral and coordination centre.

The system is based on a patient referral directory and Shared Electronic Health Record.

# RecordPoint and EPRX

Extensia's RecordPoint and EPRX technology support the Capricornia Project.

RecordPoint provides a secure, electronic health record summary containing information such as current medications, allergies, and diagnosis history. This is maintained and shared for each participating patient.

EPRX is used for the Division's Service Information Exchange (SIX). The SIX streamlines the process of finding the most appropriate and convenient providers, generating e-referrals and ordering diagnostic tests.

## Benefits

- Improved patient's health outcomes and knowledge of best practice
- Increased involvement of patient, including patient entered diaries covering self observations, lifestyle factors, pain and well-being
- Increase use, relevance and currency of shared care plans for improved care co-ordination
- Shared patient summary records to ensure quality and timeliness of clinical information exchange
- Improved support for telemedicine allowing access to quality clinical information
- Increased community capacity to coordinate services and reduce duplication of care and resources, including for non-clinical services
- Improved patient access and utilisation of community services and increased opportunity for growth
- Patient able to receive support in the home environment and remain with family
- Reduced inappropriate presentations and admissions to hospital

## Capricornia Case Study Reference

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## RecordPoint Supports

- ✓ NHHRC Report
- ✓ Deloitte National E-Health Strategy
- ✓ NEHTA Standards (UHI ready)
- ✓ Centralised, hosted shared EHR
- ✓ Patient consent management
- ✓ Patient access to their shared EHR
- ✓ User security and authentication
- ✓ Interface to desktop clinical systems
- ✓ Co-ordinated care for chronic disease
- ✓ Provider and services directory



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