

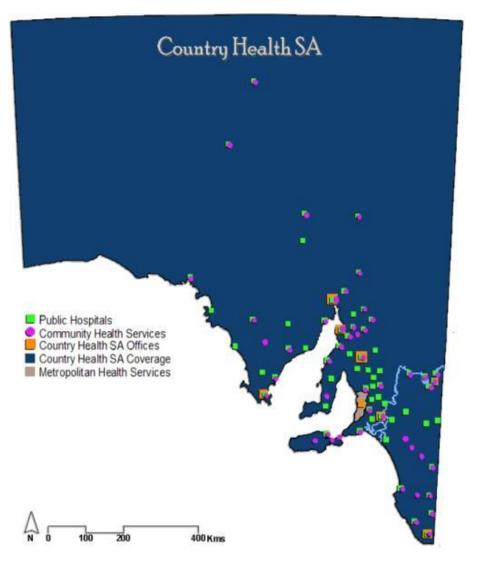
### **Diabetes Models of Care**

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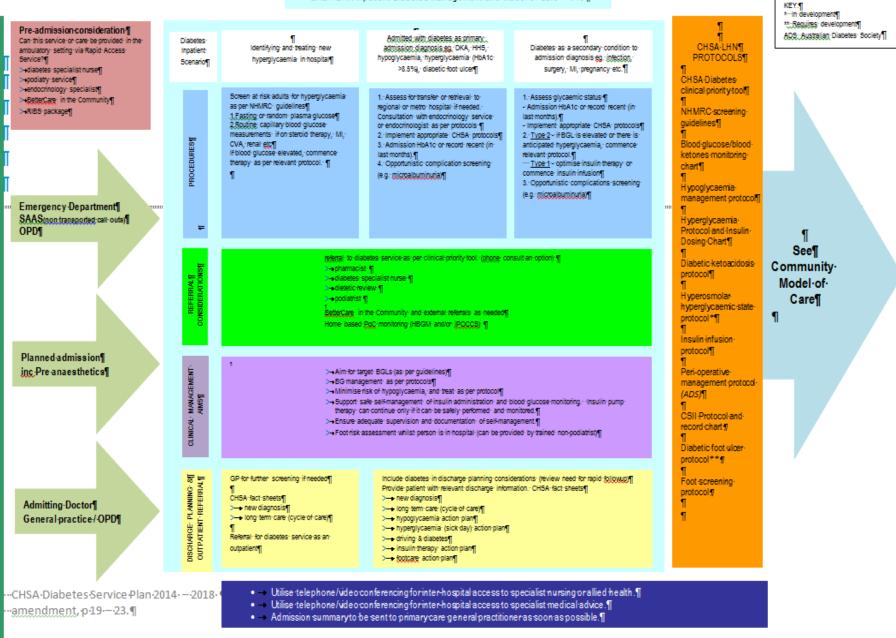
Government of South Australia

# **Country Health SA**

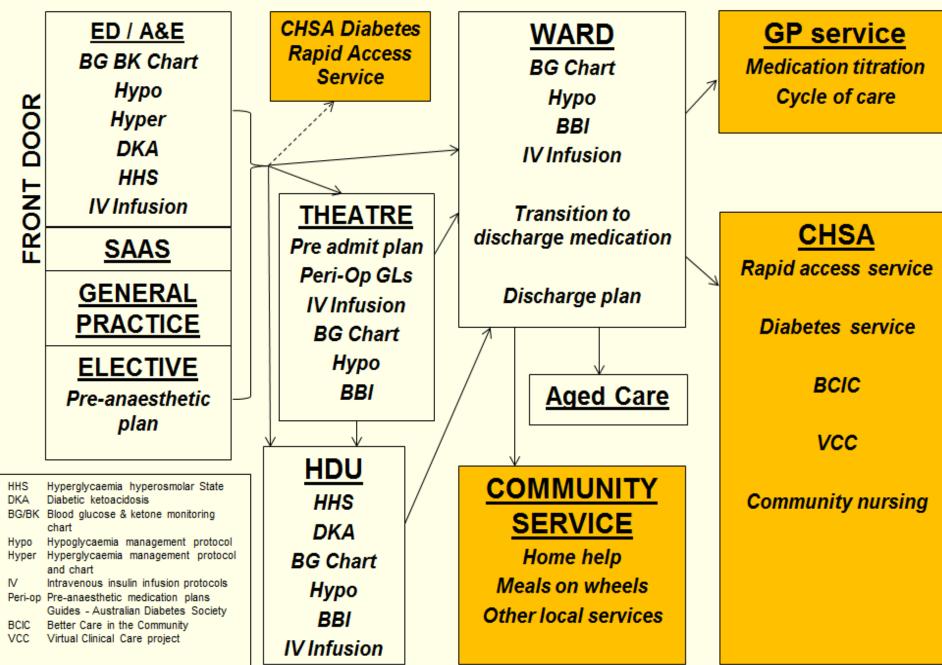


- > Single health network
- > 1400 acute beds
- > 600 aged care beds
- > 64 hospitals
- > CDE/DE 33 (20 FTE)
- > Allied health workforce
- > No employed Endo
- > GP workforce
- > Visiting private specialists
  - SA Health 2

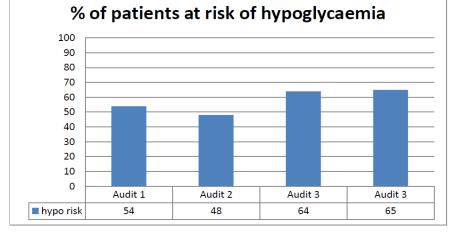
#### CHSA·LHN·In patient · Diabetes · Management · and · Model · of · Care · - · V18¶



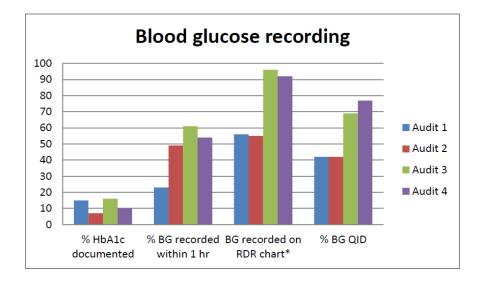
## Inpatient Model of Care Patient Journey

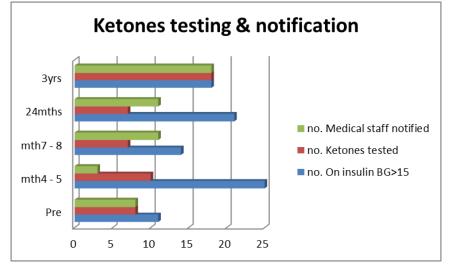


## **Inpatient audit data**



#### Hypoglycaemia managment 3yrs no. with evidence of MO review 24mths no. where protocol followed completely mth 7-8 no. where protocol started mth 4-5 no. of hypos Pre 0 10 20 30





#### Community Diabetes Model of Care\_DRAFT V11

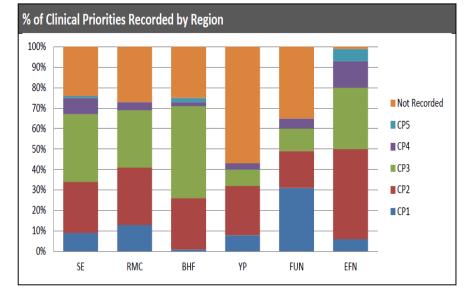
At risk, impaired fasting	Model of Care_DRAF1 V11	ms		GPMP General Practitioner Management I TCA Team Care Arrangement DSME Diabetes Self-Management Educat CHSA LHN Country Health SA Local Health Ne LGO Local Government Organisation	tion
glucose tolerance	LGO / NGO / Public Health: Physical environments that support healthy behaviour		diabetes clinical and self-managem	ent education service	
DIAGNOSIS & ONGOING CARE	Primary Care: Chronic disease management programs	Type 1	Type 2	Gestational	
Integration of services relevant to the local context Aboriginal Community Controlled Health	General Practice: • Care as per NHMRC guidelines • Cycle of care; type 1 and 2 • GPMP and TCA • Urgent referrel to specialist medical service for type 1 → shared care • Primary medical care for type 2 • Annual review for type 2 • Refer for diabetes self-menagement education (CHSA LHN or private) • Screening and uncomplicated (post education) management of gestational diabetes	Diabetes specialist nurse: Triage as per CHSA LHN priority tool (Appendix) DSME provided as per education pathway (Appendix) Action plans based on individual risk profile <u>Review cycle</u> Annual/bi-annual review based on individual risk Street descrift perceidid percent	Diabetes specialist nurse: Triege as per CHSA LHN priority tool (Appendix) DSME provided as per education pathway (Appendix) Action plans based on individual risk profile <u>Review cycle</u> Review based on <i>Referral Indicators</i>	Diabetes specialist nurse: Triage as per CHSA LHN priority tool (Appendix) DSME provided as per education pethway (Appendix) <u>Review cycle</u> As per SA Health Perinatal guidelines Shared care with midwifelobstetric services/GP	STANDARDISED C
Organisations Dept of Education and Child Services	Referral Indicators	Shared care with specialist medical and primary care services			HSA ED
Non-government organisations Local government Other community service providers	For diabetes clinical and self-management education (diabetes specialist nurse, dietitian and podiatry services): Newly diagnosed diabetes – URGENT referral for type 1 Paediatrics Gestational diabetes – urgent referral for new diagnosis Pre pregnancy and pregnancy Recent admission to hospital At risk foot or active problem Medical nutrition therapy Unstable diabetes (high risk of hospital admissions) Diabetes complication (high risk of hospital admission) Change or increase in medication therapy	Dietetics: Newly diagnosed Basel bolus insulin end pump therapy Advanced carb counting Pregnancy planning Phediatrics Other nutritional complexity as per clinical priority bool (Appendix) Annual/bi-annual review	Dietetics: Review al commencement of basal bolus insulin / pre-mix Review on exacerbation of complication (eg renal) Advanced carb counting Pregnancy planning Paediatrics Other nutritional complexity as per clinical priority tool (Appendix – list of potential complexities?)	Dietetics: Initial & review during pregnancy As part of multidisciplinary team	STANDARDISED CHSA EDUCATION RESOURCES & CLINICAL PATHWAYS
COMPLEX CARE	Repid access service utilised for patients at risk of hospital admission or follow up post discharge. Specialist Medical: Primary medical management of Type 1 Paediatrics Pregnancy in Type 1 High risk pregnancy in Type 2 High risk gestational diabetes Complex Type 2	Podiatry: Review of at risk feet as per CHSA LHN Podiatry assessment tool Foot care action plans for law risk Foot protection plans for at risk Assess and treat active foot pathology Interdisciplinary neurovascular screening – training and support Other as per CHSA LHN priority tool Multidisciplinary services: Refer as needed for clinical and cultural needs to appropriate allied health professionals e.g. psychology, Aboriginal health and chronic disease support services			CAL PATHWAYS

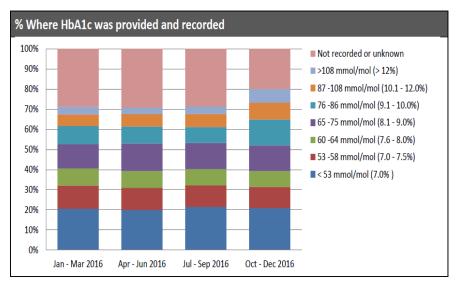
KEY: NHMRC

National Health & Medical Research Council

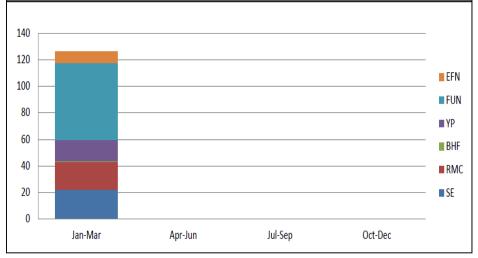
COMMUNICATION SYSTEMS: Telephone / video conferencing, secure email, clinical decision support mechanisms

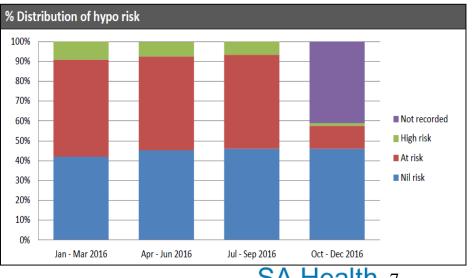
# **Outpatient/community audit data**





#### Number of Hospital Admissions Avoided





# What are our challenges/concerns

- > Lack of a SA Health implementation plan for the National Diabetes Strategy.
- > Workforce Diabetes specialist nurse positions under threat – interpretation of chronic disease model in community health focuses on generalist HCPs.
- > Lack of specialist endocrinology specific to CHSA. Lack of systematic approach to stratifying clinical support for contracted GPs, eg partnerships with metropolitan health units.
- > Poor support for clinical VC models eg expectation of using boardroom/meeting room as a clinical workplace.

## The central team

Jane Giles Collette Hooper Barbara Cummins Advanced Nurse Consultant – Diabetes, CHSA Nurse Practitioner – Diabetes, CHSA Project Administration Officer (0.6FTE)

#### **Country Health SA Diabetes Service**

- Go to <u>www.chsa-diabetes.org.au</u>
- Email <u>chsa-diabetes@health.sa.gov.au</u>





### Government of South Australia