DIABETES MODEL OF CARE New Zealand 2012

Workforce	Community Awareness and prevention	Prevention & early Diagnosis in High Risk Groups	Optimal Initial & Longer Term Management	Early detection & optimal Management of Complications	Prevention & management of Acute Episodes
	General population	*At Risk of Diabetes/ Undiagnosed Diabetes*	*Newly Diagnosed Diabetes*	*Established complications*	*Acute episodes*
Public Health					
• MDT general practice teams • Primary health care • Public health nursing • Non governmental organisations • Community health workers • Consumer groups e.g. Diabetes NZ	• Awareness • Promotion of healthy environment and lifestyle • Chronic disease prevention in conjunction with other programmes e.g. health promoting schools	• Awareness of risk & targeted assessment • How to reduce risk • Importance of early diagnosis	• Importance of weight loss, diet & exercise • Need for complications screening • Targeted health education • Lifestyle support • Self-care support	• Awareness of complications • Need for early detection	• Awareness of potential acute changes
Primary Health Care Multidisciplinary Prevention and Management					
• Practice nurses • Primary health care nurse practitioners • General practitioners • Dietitians • Podiatrists • Pharmacists • Physical Activity Coaches • Psychologists • Community Health Workers • Maori Health Providers • Consumer groups e.g. Diabetes New Zealand • Administrative staff	• Awareness • Promotion of health lifestyle	• Patient information & risk assessment • Community based risk reduction activities: ➢ Diet, exercise, weight loss ➢ Awareness of risk & targeted assessment ➢ How to reduce risk ➢ Importance of early diagnosis ➢ Targeted screening	• Patient information • Initial assessment and reassessment: ➢ Assessment of impact of social determinants of health ➢ Psychological assessment ➢ Personal plan, targets for weight, exercise, BP ➢ Lipids, smoking cessation • Self management education & support • Medication: ➢ Glucose control ➢ Reduce CVD risk • Regular complications screening • Specialist referral of complex, difficult cases • Health psychology • Research	• Regular complications screening and monitoring • Intensified diabetes treatment: ➢ Behavioural change ➢ Glucose management ➢ Lipid management ➢ BP management ➢ Smoking cessation ➢ Type 2 diabetes insulin stabilisation ➢ Specialist referral • Lifestyle support • Self-care support	• Patient information action plans for acute problems • Local management: ➢ Protocols for GP care ➢ Specialist team advice ➢ Accessible general & specialist podiatry
		Targeted diabetes programme	***Targeted Programmes for high risk/vulnerable groups*** Targeted services for high risk groups	Targeted complication screening and management	
Acute and Specialist Multidisciplinary Teams – *Settings Ambulatory outpatient, multifaceted outreach services, inpatient, home visit, residential care etc*					
• Core MDT • Diabetes nurse practitioner • Diabetes clinical nurse specialist • Diabetes specialist dietitians • Endocrinologists/ Diabetologists • Paediatricians • Obstetricians • Midwives • Psychologists • Diabetes specialist podiatrists • Scientists/researchers • Administrative staff	Related specialties: • Cardiology • Renal • Pain management • Gastroenterology • Radiology • Neurology • Ophthalmology	• Orthopaedics • Gerontology • Surgical • Respiratory • Cancer • Palliative care • Mental Health	• Type 1 care • Type 2 diabetes with poor control • Assessment of complex cases, intensified treatment • Type 1 diabetes insulin stabilisation • Hypoglycaemia unawareness • Complications screening • Paediatric services • Pregnancy services • Service planning, coordination • Lead basic and clinical research • Insulin pumps • Health psychology	• Intensified diabetes treatment, CVD risk reduction • Complications screening, monitoring and treatment: • Neurogenic bladder • Sexual dysfunction • Lower limb injury & ulcers • Pain management ➢ Investigate procedure planning ➢ Travel and event planning ➢ Advance care planning • Cerebrovascular disease • Peripheral vascular disease • Cardiovascular disease • Nephropathy • Neuropathy • Hypo-unawareness • Dental disease • Peripheral neuropathy • Autonomic neuropathy • Postural hypotension	• Accessible advice • Clinical review • Targeted clinical nurse specialist inpatient diabetes management • Management of advanced complications • Diabetic ketoacidosis • Hypoglycaemia • Gastroparesis

Adapted from Department of Health, Western Australia. (2008).