

# Nurse Practitioner Diabetes

## List of Scheduled Substances

## **Formulary**

This formulary provides a listing of the poisons and restricted substances that may be possessed, used, supplied or prescribed by the Nurse Practitioner (Diabetes) on clinically appropriate patients. This is supported under section 25A of the Poisons Act 1971 and the Poisons Amendment (Nurse Practitioners) Act 2007 and forms part of the approved nurse practitioner guidelines, in accordance with section 78A (2) (a) of the Nurses Act 1991.

The Diabetes Nurse Practitioner (DNP) Scope of Practice incorporates pharmacological interventions outlined in the *DNP Scope of Practice* and in accordance with the *DNP collaborative agreement*. The Diabetes Nurse Practitioner practice extends to prescribe, monitor and titrate medications common to patients living with diabetes mellitus in ambulatory outpatient settings.

For patients presenting with acute *diabetes mellitus* complications the NP scope extends to treating mild and moderate hyperglycaemia. The predominant chronic conditions associated with *diabetes mellitus/metabolic syndrome* encompass; hypertension, dyslipidaemia and coagulation abnormalities. In addition patients may present with *sub-acute conditions* associated with diabetes/metabolic syndrome. These include but are not limited to; infections; upper respiratory, urinary tract, gastrointestinal, peripheral vascular wounds, musculoskeletal; soft tissue injuries.

The DNP will use the latest available MIMS, Therapeutic Guidelines, and the Australian Medicines Handbook when determining drug doses for patients in their care within the formulary. Medications on this list may be presented for dispensing to the hospital pharmacy. Any alteration must be submitted to the Chief Executive of STAHS for approval.

Schedule Poisons by Class	Drug	Therapeutic Class	Route	Initiate (I)  Continued therapy only (CTO)
<b>Analgesia</b>				
Schedule 2	Paracetamol	Non-opioid analgesic	oral	I
Schedule 4	Diclofenac	Non-opioid analgesic	oral	I
Schedule 3	Ibuprofen	Non-opioid analgesic (NSAIDs)	oral	I

<b>Antibiotics / Antifungal</b>				
Schedule 4	<b>Cephalosporins</b>			
	Cephalexin	Antibacterial	oral	I
Schedule 4	<b>Macrolides</b>			
	Azithromycin	Antibacterial	oral	I
	Clarithromycin	Antibacterial	oral	I
	Erythromycin	Antibacterial	oral	I
	Roxithromycin	Antibacterial	oral	I
Schedule 4	<b>Nitroimidazoles</b>			
	Metronidazole	Antibacterial	oral	I
	Tinidazole tablet	Antibacterial	oral	I
Schedule 4	<b>Penicillins</b>			
	Amoxicillin	Antibacterial	oral	I
	Phenoxymethylpenicillin	Antibacterial	oral	I
	<b>Quinolones</b>	Antibacterial	oral	I
	Ciprofloxacin	Antibacterial		
	<b>Sulfonamides and trimethoprim</b>	Antibacterial	oral	I
	Trimethoprim with Sulfamethoxazole	Antibacterial	oral	I
	<b>Tetracyclines</b>	Antibacterial	oral	I
	Doxycycline	Antibacterial	oral	I
	<b>Antifungals</b>			
	Ketoconazole 20mg per g (2%)	Antifungal	cream	I
	Miconazole Nitrate cream 20mg per g (2%)	Antifungal	cream	I
	Miconazole Nitrate cream 20mg per g (2%),	Antifungal	cream	I
	Nystatin cream 100,000 units per g	Antifungal	cream	I
	Terbinafine	Antifungal	cream	I

Schedule 4	Fluconazole (single dose)	Antifungal	oral	I
------------	---------------------------	------------	------	---

<b>Antidote</b>				
Schedule 3	Glucagon	Antidote	intramuscular	I

<b>Antihistamines</b>				
Schedule 2	Loratadine	Antihistamines	oral	I

<b>Antiemetics</b>				
Schedule 4	Domperidone	Dopamine antagonist	oral	I
Schedule 4	Metoclopramide hydrochloride	Dopamine antagonist	oral	I
Schedule 4	Cimetidine	H2 antagonist	oral	I
Schedule 4	Famotidine	H2 antagonist	oral	I
Schedule 4	Nizatidine	H2 antagonist	oral	I
Schedule 4	Ranitidine Hydrochloride	H2 antagonist	oral	I

<b>Cardiac</b>				
<b>Anti-hypertensive agents</b>				
Schedule 4	Captopril	ACE inhibitor	oral	I
	Enalapril	ACE inhibitor	oral	I
	Fosinopril	ACE inhibitor	oral	I
	Lisinopril	ACE inhibitor	oral	I
	Perindopril arginine	ACE inhibitor	oral	I
	Perindopril erbumine	ACE inhibitor	oral	I
	Quinapril*	ACE inhibitor	oral	I
	Ramipril	ACE inhibitor	oral	I
	Trandolapril	ACE inhibitor	oral	I
Schedule 4	Candesartan Cilexetil *	Angiotensin II receptor blockers	oral	I
	Eprosartan Mesylate	Angiotensin II receptor blockers	oral	I
	Irbesartan	Angiotensin II receptor blockers	oral	I
	Olmesartan Medoxomil	Angiotensin II receptor blockers	oral	I
	Telmisartan	Angiotensin II receptor blockers	oral	I
	Valsartan*	Angiotensin II receptor blockers	oral	I
	Atenolol*	Beta-blockers	oral	I
	Carvedilol	Beta-blockers	oral	I
	Bisoprolol Fumarate	Beta-blockers	oral	I
	metoprolol tartrate	Beta-blockers	oral	I
	Metoprolol Succinate (controlled release)	Beta-blockers	oral	I
	Propranolol Hydrochloride	Beta-blockers	oral	I

Schedule 4	(Dihydropyridine) <b>Amlodipine</b>	Calcium channel blockers	oral	I
	felodipine	Calcium channel blockers	oral	I
	Lercanidipine Hydrochloride	Calcium channel blockers	oral	I
	Nifedipine	Calcium channel blockers	oral	I
	(Benzothiazepine) Diltiazem Hydrochloride	Calcium channel blockers	oral	I
	(Phenylalkylamine) Verapamil Hydrochloride	Calcium channel blockers	oral	I
Schedule 4	<b>Other</b>			
	Methyldopa	centrally acting antihypertensive	oral	I
	Prazosin Hydrochloride	selective alpha-blocker	oral	I
	Hydrochlorothiazide*	thiazides	oral	I
	Indapamide	thiazide-like	oral	I
	Amiloride	distal tubule Na <sup>+</sup> -channel inhibitor	oral	I
	<b>Lipid Lowering agents</b>			
Schedule 4	Atorvastatin	Dyslipidaemia (statin)	oral	I
	Ezetimibe	Cholesterol Absorption Inhibitors	oral	I
	Fenofibrate	Fibric Acid Derivatives	oral	I
	Gemfibrozil	Fibric Acid Derivatives	oral	I
	Pravastatin	Dyslipidaemia (statin)	oral	I
	Rosuvastatin	Dyslipidaemia (statin)	oral	I
	Simvastatin*	Dyslipidaemia (statin)	oral	I

Schedule Poisons by Class	Drug	Therapeutic Class	Route	Initiate (I) Continued therapy only (CTO)
<b>Insulin Therapy</b>				
Schedule 4	Apidra	Ultra Short acting analogue	subcutaneous	
Schedule 4	Insulin Aspart (NovoRapid)	Ultra Short acting analogue	subcutaneous	
Schedule 4	Insulin Aspart 30 + Aspart Protamine 70 (NovoMix30 FlexPen)	Mixed Long Acting analogue	subcutaneous	
Schedule 4	Insulin Aspart 30% + Protamine 70% (NovoMix30 Penfill)	Mixed Long Acting analogue	subcutaneous	
Schedule 4	Insulin Isophane (Humulin NPH)	Long Acting	subcutaneous	
Schedule 4	Insulin Isophane (Protaphane Penfill)	Long Acting	subcutaneous	
Schedule 4	Insulin Lispro (Humalog Penfills)	Ultra Short acting analogue	subcutaneous	
Schedule 4	Insulin Lispro 25 + Lispro Protamine 75 (Humalog Mix25 Cartridge)	Mixed Long Acting analogue	subcutaneous	
Schedule 4	Insulin Neutral 20 + Isophane 80 (Mixtard 20/80 Penfill)	Mixed Long Acting	subcutaneous	
Schedule 4	Insulin Neutral 30 + Isophane 70 (Humulin 30/70)	Mixed Long Acting	subcutaneous	
Schedule 4	Insulin Neutral 30 + Isophane 70 (Mixtard 30/70 Penfill)	Mixed Long Acting	subcutaneous	
Schedule 4	Insulin Neutral 50 + Isophane 50 (Mixtard 50/50)	Mixed Long Acting	subcutaneous	

Schedule 4	Insulin Neutral HM (Actrapid Penfill)	Short Acting	subcutaneous	I
Schedule 4	Insulin Neutral HM(Humulin R Cartridge)	Short Acting	subcutaneous	I
Schedule 4	Insulin Detemir (Levemir FlexPen)	Long Acting analogue	subcutaneous	I
Schedule 4	Glargine (Lantus Cartridge/Solostar Pen)	Long Acting analogue	subcutaneous	I

Schedule Poisons by Class	Drug	Therapeutic Class	Route	Initiate (I) Continued therapy only (CTO)
<b>Oral Hypoglycaemic Agents</b>				
Schedule 4	Acarbose	Alpha-glucosidase	oral	I
Schedule 4	Glibenclamide*	Sulphonylurea	oral	I
Schedule 4	Gliclazide / MR	Sulphonylurea	oral	I
Schedule 4	Glimepiride	Sulphonylurea	oral	I
Schedule 4	Glipizide	Sulphonylurea	oral	I
Schedule 4	Metformin* / XR	Biguanide	oral	I
	Exenatide	Glucagon suppressing antihyperglycaemic	Subcutaneous	CTO
Schedule 4	Sitagliptin*	DPP 4 inhibitor	oral	I
Schedule 4	Vildagliptin	DPP-4 inhibitor	oral	I
Schedule 4	Pioglitazone	TZD /glitazone	Oral	I

\* Combinations classes per clinical guidelines and PBS listings

#### **Other**

- Glucose Indicator – Blood test strips 25 (item codes 9193W)
- Glucose Indicator – Blood test strips 50 (item codes 8739Y, 2891E, 2890D, 2860M, 9298J, 8759B, 3406G, 8890X, 9013J, 2914J, 8749L, 2917M, 9485F, 8682Y, 9471L, 8723D, 3441D, 2263D, 8795X, 8825L, 9324R)
- Glucose Indicator – Blood test strips 51 (item codes 8806L)
- Glucose Indicator – Blood test strips 100 (item codes 8190C, 3411M, 9300L, 2979T, 9154T, 8522M)
- Glucose Indicator – Urine test strips – 50 (item codes 2352T, 3104J)
- Glucose and Ketone Indicator – Urine test strips – 50 (item codes 3106L, 3107M)

#### **Reference List:**

Australian Medicines Handout, January 2010 accessed via DHHS Online EPOCH  
 Therapeutic Guidelines eTG Complete, March 2010 accessed via DHHS Online EPOCH  
 MIMS Online, April 2010 accessed via DHHS Online EPOCH  
 Shenfield G (Chair: expert group). *Therapeutic guidelines: Endocrinology* (Version 3). Melbourne: Therapeutic Guidelines Ltd, 2004