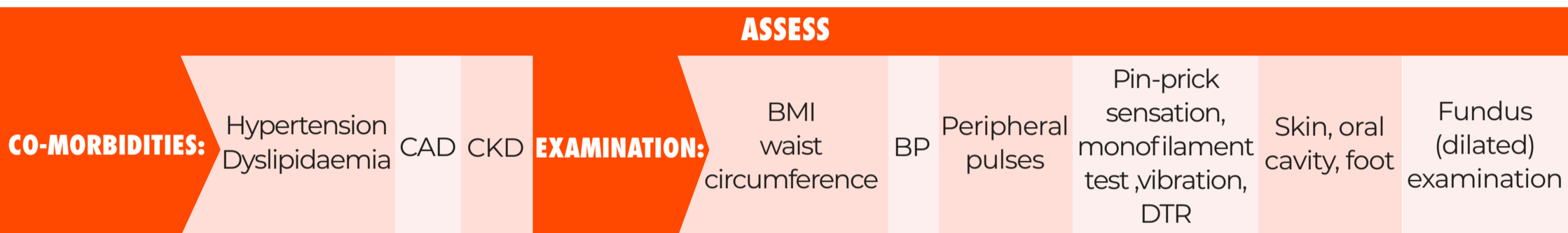
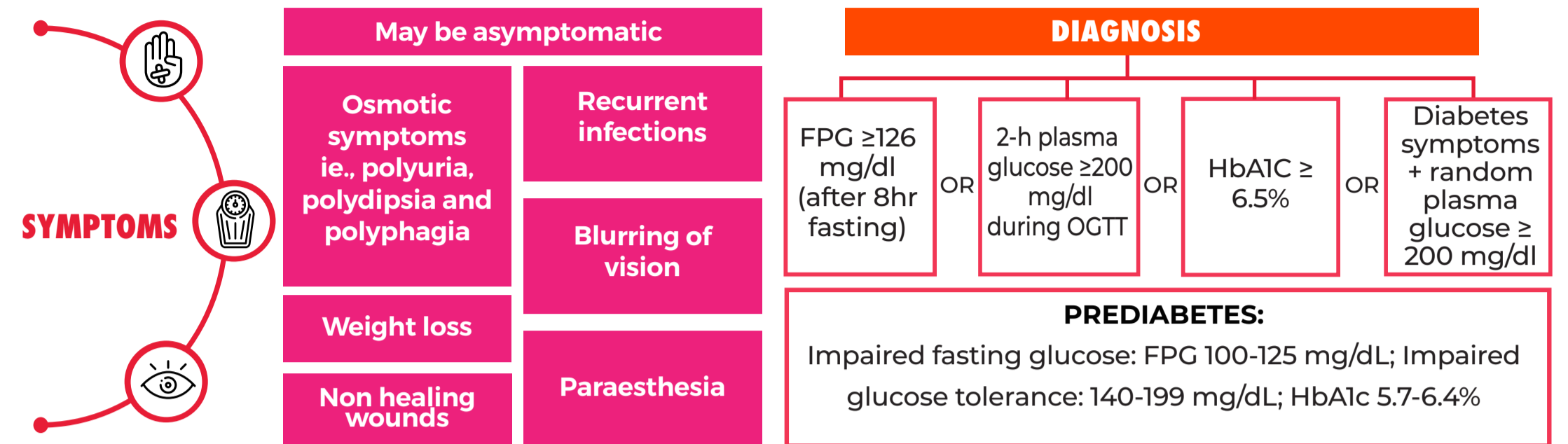




Standard Treatment Workflow (STW)

DIABETES MELLITUS TYPE 2

ICD-10-E11



INVESTIGATION	TREATMENT	METABOLIC TARGETS
<ul style="list-style-type: none"> HbA1c Creatinine K⁺ Fasting lipid profile Urine routine examination and spot albumin: creatinine ratio* LFT/ ALT, AST ECG Others like Echo, USG abdomen as indicated *These may best be carried out after initial glycaemic control	<ul style="list-style-type: none"> Dietary modification Avoidance of tobacco and restriction/avoidance of alcohol Physical activity Pharmacotherapy: <ul style="list-style-type: none"> HbA1c < 8.5%: Monotherapy- Metformin HbA1c 8.5-10%: Dual therapy- Metformin + SU's/TZD/ DPPiV/SGLT2i /AGI/GLP-1RA HbA1c > 10%: Basal Insulin+ Metformin + another OAD / triple OAD combination 	<ul style="list-style-type: none"> HbA1c $\leq 7.0\%$ (except elderly and those with significant comorbid conditions) where higher target may be acceptable Pre-prandial capillary plasma glucose: 80-130 mg/dl Post-prandial capillary plasma glucose: <180 mg/dl BP=140/90 (130/80 in CKD) LDL: < 100 mg/dl (< 70mg/dl in CAD)

MONITORING	REFERRALS
<ul style="list-style-type: none"> Blood glucose; FPG and 2 hours PPG once monthly more frequent as required including SMBG or CGM HbA1c every 6-12 months (3 monthly if uncontrolled) Annual monitoring : ECG, urine ACR (albumin creatinine ratio),dilated funduscopy,foot examination 	<ul style="list-style-type: none"> Endocrinology: for uncontrolled hyperglycemia Ophthalmology: at initial evaluation and every year Nephrology: for deranged renal function Cardiology: for CAD/HF/arrhythmia

SCREENING FOR DIABETES MELLITUS

IN AN APPARENTLY NORMAL ADULT	IN AN ADULT WITH ILLNESS	IN PREGNANCY
<ul style="list-style-type: none"> In obese or overweight (BMI ≥ 27.5 or ≥ 23 kg/m²) with any of the following risk factors First degree relative with diabetes History of cardiovascular disease BP ($\geq 140/90$ mmHg) Dyslipidemia (TG > 250 mg/dL, HDL <40 mg/dl in male, <50 mg/dl in female) Physical inactivity Polycystic ovary syndrome (PCOS) Insulin resistance (acanthosis nigricans) Adults > 30 years of age Previous history of GDM 	<ul style="list-style-type: none"> In any adult/adolescent who presents with one of the following illness/complaints Osmotic symptoms (polyuria, polydipsia, polyphagia, nocturia) Unexplained weight loss Unexplained depression or dementia Acute coronary syndrome Deep seated infections (liver abscess, lower lobe pneumonia, tuberculosis, pyelonephritis, abscesses, septic arthritis, osteomyelitis) Recurrent infections (tinea, oral thrush, onychomycosis, cystitis-urinary tract infection, sinusitis, STI, cellulitis, carbuncle) Non-healing ulcers (foot ulcers-infected/neuropathic) Exogenous/iatrogenic Cushing's syndrome 	<ul style="list-style-type: none"> H/O GDM/Pre-existing diabetes All pregnant women to be screened in 1st trimester with FPG FPG ≥ 126 and/or HbA1c $\geq 6.5\%$ to be considered pre-existing diabetes FPG between 92-125 to be considered as GDM All those women with normal screening in 1st trimester to get a 75 g-oral glucose tolerance test done at 24-28 weeks All GDM women to be tested 6 weeks post-partum and once every 3 years PREDIABETES: should be tested yearly

ABBREVIATIONS

ALT: Alanine transaminase	CGM: Continuous glucose monitor	GDM: Gestational diabetes mellitus	OGTT: Oral glucose tolerance test
AST: Aspartate aminotransferase	CKD: Chronic kidney disease	HDL: High-density lipoprotein	SMBG: Self-monitoring of blood glucose
BMI: Body mass index	DTR: Deep tendon reflex	LDL: Low-density lipoprotein	TG: Triglyceride
BP: Blood pressure	ECG: Electrocardiogram	LFT: Liver function test	
CAD: Coronary artery disease	FPG: Fasting plasma glucose	OAD: Oral antidiabetic drug	

KEEP LOW THRESHOLD FOR DIAGNOSIS. MAKE SURE TO FOLLOW UP TO MEET TARGETS