**Figure 1: Study design**

Practice Recruitment & Patient Identification

RA assists practices to screen each potential patient using SET.
PN calls eligible patients to attend practice where the study team provide PLS, pathology form & obtain baseline data. Non-consenting eligible patients complete BDQ.
Aim to recruit 5 patients/practice

Patient Screening & Recruitment

Study team notify practices of random allocation & organise training for intervention practices.

Baseline

Study team mail out pathology form to patients for HbA1c test & upload BGM data from practices. Patients (intervention) to complete 3 day 7 point glucose profile if appropriate.

Control: guidelines provided

Patients visit GP (control) or visit PN/GP (Intervention) for initial clinical assessment, insulin initiation if patient agrees and ongoing care.
Study DNE supports and mentors PN and GP to achieve autonomous practice.

Intervention: Stepping Up in-practice training

Study team send follow-up survey & pathology form to patients.
Study team notify practices to organise follow-up appointment with patients.
Study team visit practice to collect BG diary & upload BGM.

Practice: Consent ≥ 1 GP & ≥ 1 PN
Patient: T2D, HbA1c ≥ 7.5% in the last 6 months

Legend
T2D = Type 2 Diabetes
RA = Research Assistant
SET = Screening Eligibility Tool
PLS = Plain Language Statement
BDQ = Brief Demographic Questionnaire
BG = Blood Glucose
BGM = Blood Glucose Meter
GP = General Practitioner
PN = Practice Nurse
DNE = Diabetes Nurse Educator