Data Collection Questionnaire

Prevalence of Vitiligo Among Patients with Type 1 Diabetes Mellitus Attending Al-Jemaih Diabetes Center, Dongola, Northern State, Sudan, 2026. Interviewer-administered questionnaire with a clinical skin examination.

Study details

Questionnaire no.		**Date**	____ / ____ / 2026
Interviewer		**Respondent**	☐ Patient ☐ Parent / guardian

Section A: Sociodemographic data

Objective 1. For a child, ask the parent or guardian and record the child's current education level.

No.	Question	Response
A1	Age (completed years)	_____ years
A2	Sex	☐ Male ☐ Female
A3	Place of residence	☐ Dongola city ☐ Other locality in Northern State (specify: _____) ☐ Other state (specify: _____)
A4	Marital status (adults 18 years and over)	☐ Single ☐ Married ☐ Divorced / widowed ☐
A5	Education level	☐ None ☐ Primary ☐ Secondary ☐ University / post-secondary
A6	Occupation	☐ Student ☐ Employed ☐ Self-employed ☐ Unemployed / housewife ☐ Other (specify: _____)

Section B: Diabetes-related information

Objective 2. Take B1, B2 ,B3 and B4 from the patient's file where available; ask the rest.

No.	Question	Response
B1	Age at diagnosis of type 1 diabetes	_____ years
B2	Duration of type 1 diabetes (current age minus age at diagnosis)	_____ years
B3	Current insulin regimen	☐ Basal-bolus (multiple daily injections) ☐ Premixed (twice daily) ☐ Insulin pump ☐ Other (specify: _____)
B4	Other autoimmune disease diagnosed by a doctor in the patient (tick all that apply)	☐ None ☐ Autoimmune thyroid disease ☐ Celiac disease ☐ Alopecia areata ☐ Rheumatoid arthritis ☐ Addison's disease ☐ Other (specify: _____) ☐ Don't know

Section C: Vitiligo-related information

Objective 3. Objective 4 needs no extra questions: cross-tabulate C1 against Sections A and B.

C-I. Skin examination

Examine the visible skin, scalp, lips and oral mucosa in good natural light, in a private room. Genital and perianal skin is not examined; record it by self-report only. If C1 is No, skip to the final classification.

No.	Question	Response

No.	Question	Response
C1	Well-defined depigmented (milk-white) patches on examination	☐ Yes ☐ No
C2	How was the vitiligo identified	☐ Previously diagnosed by a doctor ☐ Newly detected in this study
C3	Confirmation by clinician or dermatologist	☐ Confirmed vitiligo ☐ Not vitiligo ☐ Confirmation not possible (clinical diagnosis only)

C-II. Characteristics of vitiligo

Ask only if C1 is Yes and C3 is not “Not vitiligo”.

No.	Question	Response
C4	Age at onset of vitiligo	_____ years
C5	Duration of vitiligo	_____ years _____ months
C6	Onset compared with type 1 diabetes	☐ Before diabetes ☐ After diabetes ☐ Within a year of diabetes diagnosis
C7	Sites affected (tick all that apply)	☐ Face ☐ Scalp / hair ☐ Neck ☐ Trunk ☐ Upper limbs (excluding hands) ☐ Hands ☐ Lower limbs (excluding feet) ☐ Feet ☐ Lips / oral mucosa ☐ Genital area (self-reported)
C8	Clinical type	☐ Non-segmental (generalized / acrofacial) ☐ Segmental ☐ Focal ☐ Mucosal only ☐ Universal ☐ Mixed
C9	Course in the last 6 months	☐ Spreading / new patches ☐ Stable ☐ Repigmenting ☐ Don’t know
C10	White hairs inside the patches	☐ Yes ☐ No
C11	New patches at sites of injury or friction	☐ Yes ☐ No ☐ Don’t know
C12	Treatment ever used for vitiligo (tick all that apply)	☐ None ☐ Topical ☐ Phototherapy ☐ Oral ☐ Traditional / herbal ☐ Other (specify: _____)

Final classification

Participant classified as	☐ Vitiligo present ☐ Vitiligo absent
Examiner (name and signature)	
Confirming clinician / dermatologist, if any	
Checked for completeness by	Date: ____ / ____ / 2026