

THE PATHCARE NEWS

THE DIABETES MANAGEMENT REPORT

A Unique Tool in the Diabetes Care Pathway

PathCare has developed a unique reporting tool which consolidates pathology results for diabetic patients. This report allows healthcare providers to assess diabetes management performance of their patients as a group, as well as at an individual level. It also identifies patients who are potentially overdue for pathology testing as per national guidelines. Where possible patients are classified as type 1 or 2 diabetics, and both adult and paediatric patients are included.

The Diabetes Management Report:

1. is available to healthcare providers who register interest (QR code below)
2. comes at no cost
3. will be updated and emailed at 3 monthly intervals using patients identified in the prior 14 months reflecting their results from the prior 24 months
4. the details of missed diabetes patients can be emailed to PathCare to be added to the report.

Diabetes Management Report



An Example of The Diabetes Management Report

Diabetes Management Report

Practice: Dr XYZ

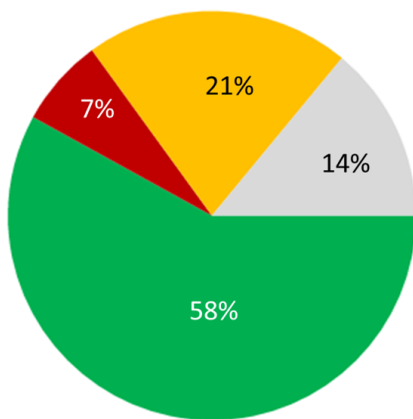
Period: 01 January 2024 – 31 December 2024



HbA1c Results for Patients ≥ 18 years

Total patients = 250

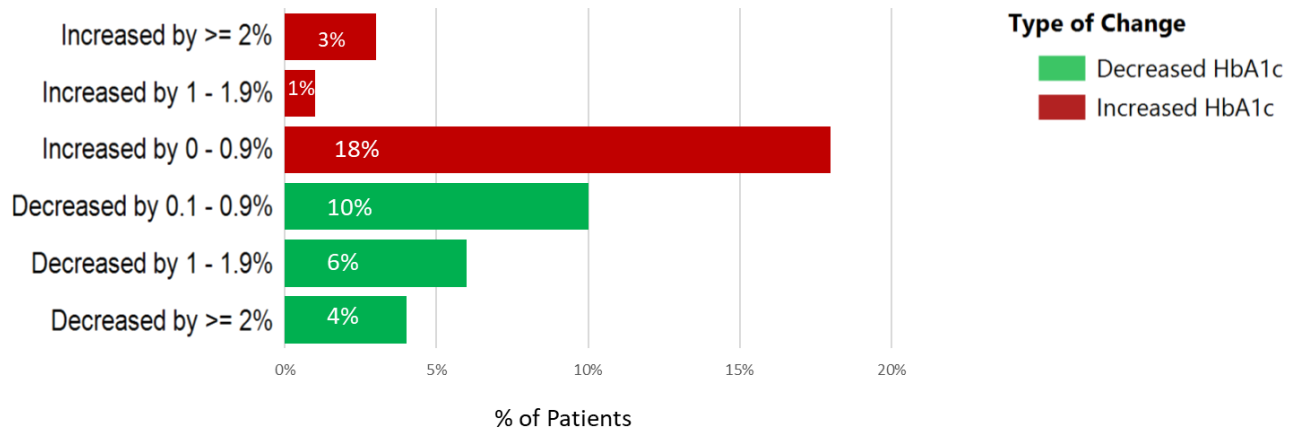
Overview



Type of Change

- Latest HbA1c result $< 7\%$ and/or decreased
- One test done, a follow-up HbA1c is recommended*
- Latest HbA1c result $\geq 7\%$ and increased
- One test done, still within the minimum repeat interval*

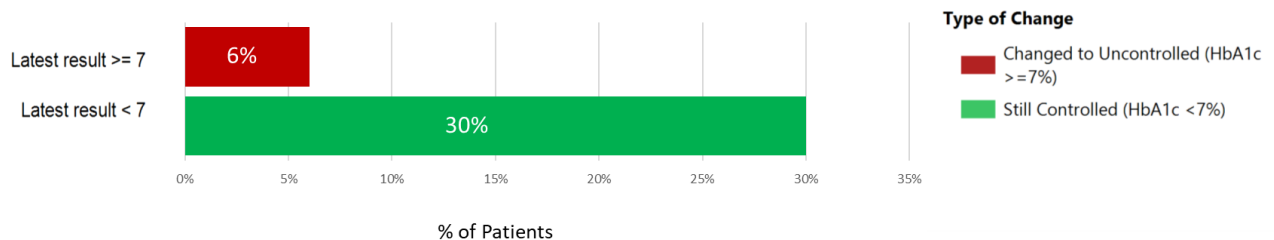
Patients with Prior HbA1c $\geq 7\%$ (Uncontrolled) versus Latest Result



Type of Change

- Decreased HbA1c
- Increased HbA1c

Patients with Prior HbA1c $< 7\%$ (Uncontrolled) versus Latest Result



Type of Change

- Changed to Uncontrolled (HbA1c $\geq 7\%$)
- Still Controlled (HbA1c $< 7\%$)

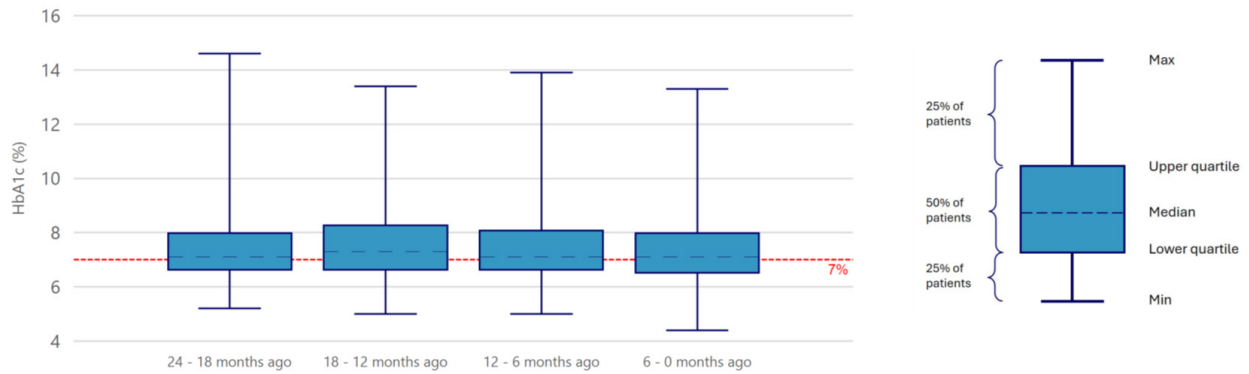
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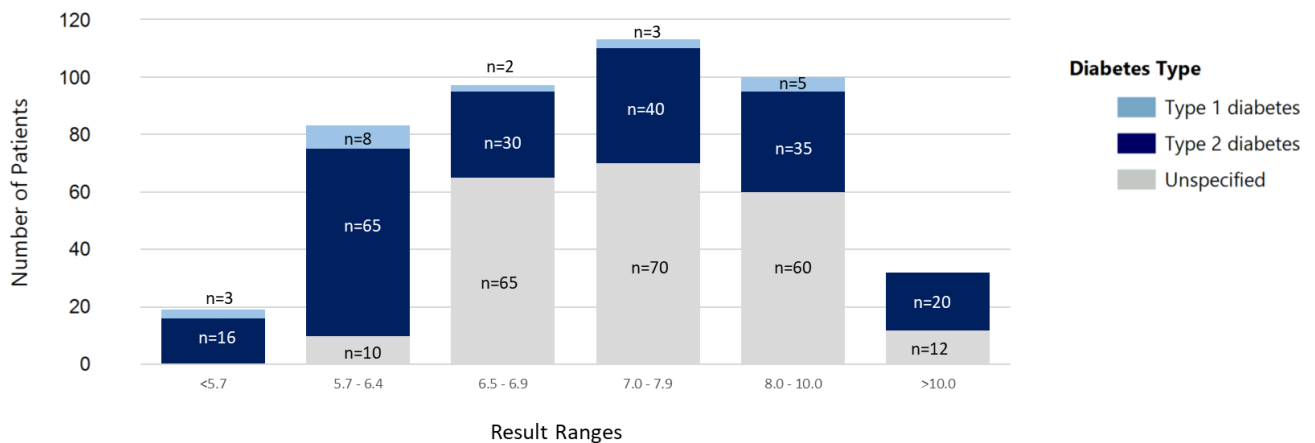
Period: 01 January 2024 – 31 December 2024



HbA1c Result Distribution, by 6 Month Periods



Distribution of Most Recent HbA1c Results, by Diabetes Type (ICD10 code based)



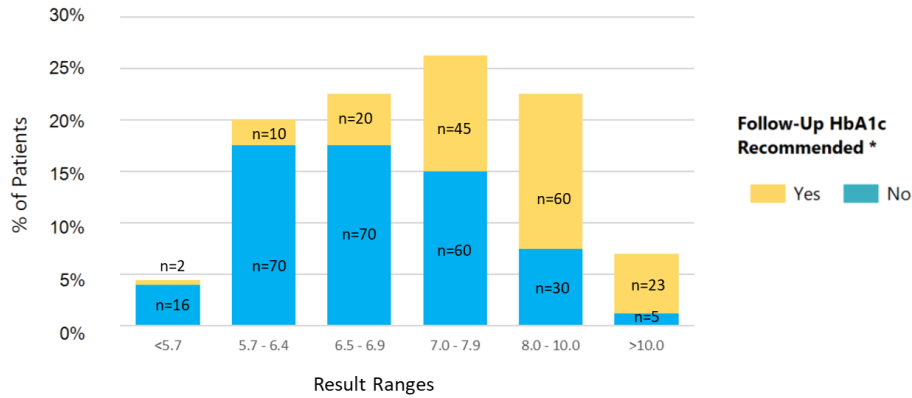
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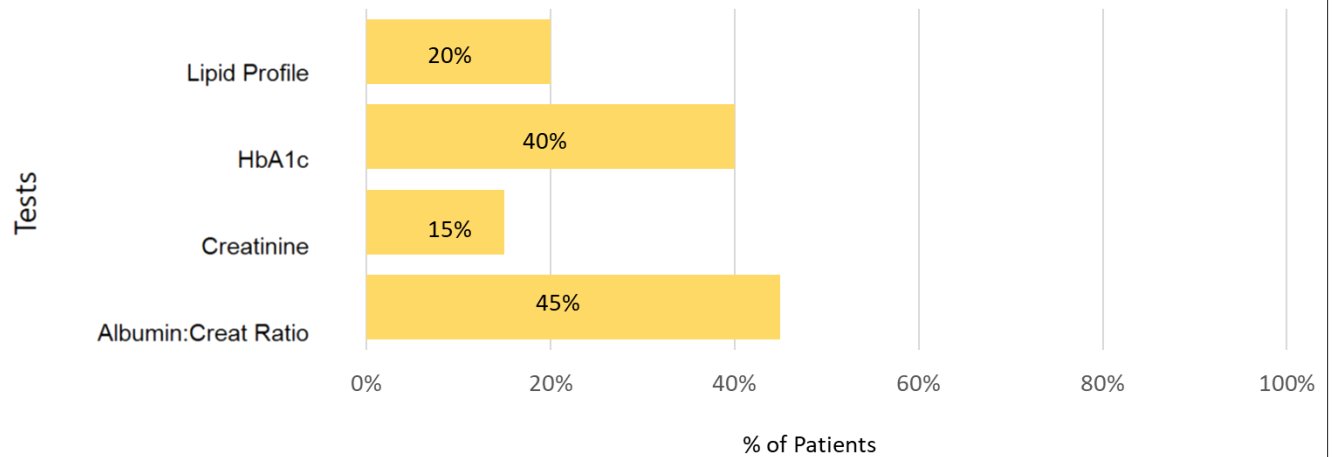
Period: 01 January 2024 – 31 December 2024



Distribution of Most Recent HbA1c Results



Patients (%) Recommended for Follow-Up Testing*



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Period: 01 January 2024 – 31 December 2024



Recommended Follow-Up Testing*

Only patients requiring follow-up HbA1c testing included

Total patients - 175

Surname, Name	DOB	Age	Gender	ID No	Hosp Event	Diabetes Type	Latest HbA1c Results		Recommended Test *				Notes
							Date †	Result	HbA1c	Creatinine	Lipid Profile	Albumin: Creat Ratio	
Doe, John	1987/08/20	35	M	870820XXXXXX	Yes	Type 2	2024/03/07	7.2	x				
Doe, Jane	1953/06/16	70	F	530616XXXXXX		-	2024/05/16	5.8	x			x	
Doe, Jennifer	1990/03/22	34	F	900322XXXXXX		Type 1	2024/10/08	7.9	x	x	x	x	
Doe, Janine	1965/11/17	58	F	651117XXXXXX		-	2024/08/02	5.7	x	x		x	
Doe, Jerry	1958/02/09	66	M	580209XXXXXX		-	2024/07/09	9.1	x	x	x	x	

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Diabetes Management Report

Practice: Dr XYZ

Period: 01 January 2024 – 31 December 2024



Latest Patient Results (≥18 years)

All diabetes patients meeting inclusion criteria*

						Previous		HbA1c (%) Latest			(mmol/L) Latest		(mmol/L) Latest		(mg/g) Latest		(ml/min/1.73m2) Latest		
Surname, Name	DOB	Age	Gender	ID No	Hosp Event	Diabetes Type	Date †	Result	Date †	Result	Change	Date †	Result	Date †	Result	Date †	Result	Date †	Result
Doe, John	1987/08/20	35	M	870820XXXXXX	Yes	Type 2	2024/03/07	6.0	2024/08/20	6.5	0.5 ↑	2024/10/15	2.5	2024/10/15	2.5	2024/10/15	5	2024/08/20	50
Doe, Jane	1953/06/16	70	F	530616XXXXXX		-	2024/02/16	8.1	2024/10/15	8.1	0.0 →								
Doe, Jennifer	1990/03/22	34	F	900322XXXXXX		Type 1	2024/07/08	7.7	2024/12/11	8.0	0.3 ↑	2024/12/11	7.2	2024/12/11	6.6	2024/12/11	10	2024/07/08	99
Doe, Janine	1965/11/17	58	F	651117XXXXXX		-	2023/09/05	13.1	2024/03/02	6.0	-7.1 ↓	2024/03/02	1.8	2024/03/02	1.6	2024/03/02	4	2024/03/02	63
Doe, Jerry	1958/02/09	66	M	580209XXXXXX		-	2024/07/22	8.4	2024/11/01	6.8	-1.6 ↓							2024/07/22	99
															</				

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Diabetes Management Report

Practice: Dr XYZ

Period: 01 January 2024 – 31 December 2024



Methods Followed

Patient Inclusion Criteria

Period: 01 December 2023 - 31 January 2025 (14 months)

Patients that have at least one HbA1c requested by the report recipient during the inclusion period, and meet at least one of the following criteria are included in the Diabetes Summary Report:

- One HbA1c result** ≥ 6.5%; or
- A diabetes-related ICD10 code documented on the patient's PathCare records.

Result Inclusion Criteria

Period: 01 February 2023 - 31 January 2025 (24 months)

Patient results** for the following tests are included:

- HbA1c
- eGFR (CKD-EPI)
- Albumin:creatinine ratio
- LDL cholesterol (measured)
- Non-HDL cholesterol (calculated)

Results of tests requested as part of a contract program, for the report recipient, are included.

** Excludes results generated from contract pathology, occupational health and/or insurance testing except where stipulated. Duplicate patient records may exist where patient ID numbers are not available.

Diabetes Classification

ICD10 codes recorded on test request forms during the reporting period are used to classify diabetes as follows:

- Type 1 diabetes: codes containing E10
- Type 2 diabetes: codes containing E11

Where both E10 and E11 codes are recorded, preference is given to the code used most frequently.

Hospital Events

Patients are marked as having a hospital event if any of their PathCare records, during the reporting period, indicate hospitalisation. Hospitalisation may not be diabetes related.

* Diabetes Testing Guidelines

Test	Recommendation
HbA1c	6 monthly if < 7% or 3 monthly if ≥ 7%
Lipid Profile	Annually
Creatinine	Annually
Albumin:Creat Ratio	Annually

† Dates are displayed in light yellow when a follow-up test is recommended.

Type 1 Diabetes Mellitus

<https://diabetesjournals.org/care/article/44/1/12589/138492/The-Management-of-Type-1-Diabetes-in-Adults-A>



Type 2 Diabetes Mellitus

SEMDSA Guidelines:
<https://www.semdsa.org.za/for-members/guidelines>



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