

In a study, **OneTouch Verio Reflect™ meter** was **CHOSEN MOST OFTEN** by **HCPs** to help patients achieve self-management goals

Background & Objective

This study investigated healthcare professional (HCP) perceptions of **4 selected meters from the leading global manufacturers – Accu-Chek® Guide, Contour® Next One, FreeStyle Lite and OneTouch Verio Reflect™** – and how these meters support achievement of self-management goals recommended by diabetes clinical practice guidelines.

Methods

353 HCPs (endocrinologists, primary care physicians, and diabetes nurse educators) from 5 countries (CA, DE, FR, IT, and U.S.) reviewed how each of the meters present information to patients on the device screen using interactive webpages.

The HCPs then responded to statements about the utility of each meter screen and chose a meter in terms of clinical value against 8 key guidance statements for diabetes management.

Each statement corresponded to a different set of unbranded meter screen images (see example below).



EXAMPLE - Clinical statement 1. "Glycemic targets must be individualized in the context of shared decision making to address the needs and preferences of each patient"

	Meter A	Meter B	Meter C	Meter D
Setting ranges	<div><div>Target Ranges</div><div><div><input checked="" type="checkbox"/> Off</div><div>Single Range</div><div>2 Ranges</div><div><div>Help</div></div></div><div><div>Target Ranges</div><div>Before Meal</div><div>3.9 - 7.2</div><div>7 days</div></div><div><div>After Meal</div><div>3.9 - 10.0</div><div>30 days</div></div><div><div>mmol/L</div><div>90 days</div></div></div>	<div><div>mmol/L</div><div>39 - 16</div><div><div></div></div></div> <div><div>mmol/L</div><div>3.9 - 10.0</div><div><div></div></div></div>	Fixed Ranges	<div><div>Test Tracker</div><div>Set a Daily Test Goal?</div><div><div></div></div><div>Test Goal: 4</div><div><div>Save</div><div>Edit</div></div></div> <div><div>Trend 90</div><div>mmol/L</div><div>8.6</div><div>Consult your HCP before setting your 90 day target.</div><div><div>Save</div><div>Edit</div></div></div> <div><div>Before Meal</div><div>Set Low/high limits for your range</div><div>3.9 - 7.2</div><div>mmol/L</div><div><div>Save</div><div>Edit</div></div></div> <div><div>After Meal</div><div>Set Low/high limits for your range</div><div>3.9 - 10.0</div><div>mmol/L</div><div><div>Save</div><div>Edit</div></div></div> <div><div>Trend 90</div><div>Set your 90 Day Average Target</div><div>8.6 mmol/L</div><div><div>Save</div><div>Edit</div></div></div>
Displaying ranges	<div><div>7:38am 12/11/15</div><div>3.1</div><div>mmol/L</div><div>Add Comment</div></div> <div><div>7:38am 12/11/15</div><div>6.7</div><div>mmol/L</div><div>Add Comment</div></div> <div><div>7:38am 12/11/15</div><div>10.3</div><div>mmol/L</div><div>Add Comment</div></div>	<div><div>mmol/L</div><div>39</div><div>8:00am 5/11/15</div><div><div></div></div></div> <div><div>mmol/L</div><div>6.7</div><div>10:15am 11/26/15</div><div><div></div></div></div> <div><div>mmol/L</div><div>103</div><div>8:00am 8/30/15</div><div><div></div></div></div>	<div><div>mmol/L</div><div>31</div><div>0:123 29.06</div></div> <div><div>mmol/L</div><div>67</div><div>0:123 29.06</div></div> <div><div>mmol/L</div><div>103</div><div>day 1 0:28</div></div> <div><div>mmol/L</div><div>89</div><div>0:28</div></div>	<div><div><div></div><div></div><div></div><div></div></div><div>3.1</div><div>mmol/L</div><div>Before Meal</div><div>Low</div></div> <div><div><div></div><div></div><div></div><div></div></div><div>6.7</div><div>mmol/L</div><div>Before Meal</div><div>In Range</div></div> <div><div><div></div><div></div><div></div><div></div></div><div>10.3</div><div>mmol/L</div><div>Before Meal</div><div>High</div></div>
Further insights	<div><div>Target %</div><div>Before meal</div><div>90 days</div><div><div></div></div><div>Above 16%</div><div>Within 80%</div><div>Below 25%</div><div>Tests: 720</div></div> <div><div>Target %</div><div>Before meal</div><div>7 days</div><div><div></div></div><div>14 days</div><div>80 days</div><div>90 days</div><div>6.0</div><div>mmol/L</div><div>Tests: 720</div></div> <div><div>Average</div><div>Overall</div><div>90 days</div><div><div></div></div><div>6.0</div><div>mmol/L</div><div>Tests: 720</div></div>			<div><div>Trend 90</div><div>Current Avg</div><div>60</div><div>mmol/L</div><div>15.2</div><div>5.8</div><div><div></div></div></div> <div><div>Summary</div><div>Last 30 days</div><div>70</div><div>15</div><div>23</div><div><div></div></div></div> <div><div>Summary</div><div>Last 30 days</div><div>Lo In H</div><div><div></div><div></div><div></div></div><div>10 2</div><div>1 1</div><div>3 3</div><div><div></div></div></div> <div><div>Averages</div><div>mmol/L</div><div>7 days</div><div>8.9</div><div>14 days</div><div>10.0</div><div>30 days</div><div>11.1</div></div>

Target %

Before meal

7 days

A = Accu-Chek® Guide B = Contour® Next One C = Freestyle Lite D = OneTouch Verio Reflect™

QUESTION ASKED - Which meter displays self-monitoring information in the best way to allow patients to track progress against personal glycemic targets?

Results

The OneTouch Verio Reflect™ meter was **chosen** in terms of clinical utility for all guideline questions compared to other meters.

In the study, HCPs chose the OneTouch Verio Reflect™ meter as the **BEST METER**:

- **77%** at providing the best way of displaying self-monitoring information to allow patients to track their progress on glycemic targets.
- **84%** at providing patients with the best tool to help them understand their hyperglycemic results and patterns so they can take action to avoid highs.
- **74%** at providing patients with feedback and insight on low glucose data, helping them detect and know when to act upon hypoglycemia.
- **80%** at helping patients improve their diabetes management and understand their numbers to help them stay in range.



Conclusion

The OneTouch Verio Reflect™ meter was chosen most often by HCPs to help patients achieve selected self-management goals recommended by diabetes clinical practice guidelines.



View the full study from the Journal of Diabetes Science and Technology
<https://journals.sagepub.com/doi/full/10.1177/1932296820946112>