

Use of flash glucose monitoring for post-bariatric hypoglycaemia diagnosis and management

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Supplementary Table S1. ROC curve analysis of the value of LBGI_{FGMGT} (N=13)

ROC curve cut-off value	Sensitivity (%)	95% CI	Specificity (%)	95% CI	Likelihood ratio
>2.6	100.0	]67.6, 100.0[	20.0	]1.0, 62.4[	1.250
>2.9	100.0	]67.6, 100.0[	40.0	]7.1, 76.9[	1.667
>3.1	100.0	]67.6, 100.0[	60.0	]23.1, 92.9[	2.500
>3.6	100.0	]67.6, 100.0[	80.0	]37.6, 100.0[	5.000
>4.6	100.0	]67.6, 100.0[	100.0	]56.6, 100.0[-
>8.2	85.5	]52.9, 99.4[	100.0	]56.6, 100.0[-
>11.9	75.0	]40.9, 95.6[	100.0	]56.6, 100.0[-
>12.6	62.5	]30.6, 86.3[	100.0	]56.6, 100.0[-
>13.0	50.0	]21.5, 78.5[	100.0	]56.6, 100.0[-
>14.8	37.5	]13.7, 69.4[	100.0	]56.6, 100.0[-
>17.5	25.0	]4.4, 59.1[	100.0	]56.6, 100.0[-
>18.8	12.5	]0.6, 47.1[	100.0	]56.6, 100.0[-

ROC curve AUC=1.000, SD=0.000, 95% CI=]1.000, 1.000[; $p=0.003$. At the optimal cut-off value of 4.6, LBGI_{FGMGT} had 100% sensitivity and 100% specificity for the assessment of PBH severity (*No PBH*: LBGI_{FGMGT}≤4.6; *PBH*: LBGI_{FGMGT}>4.6). Abbreviations: ROC – receiver operating characteristic; CI = Confidence Interval; SD = Standard deviation; PBH – Post-bariatric hypoglycaemia; LBGI_{FGMGT} – Low Blood Glucose Index (adjusted); AUC – Area under the curve.