

PATIENT 132-54/B



- CONTACT
- MAIL
- INFO



**BLOOD RESULTS**

INVESTIGATION	RESULTS	NORMAL VALUE
Haemoglobin	12.0 g/dL	11.5 - 16.0 g/dL
Hematocrit	35.5 %	37.0 - 47.0 %
Mean Cell Volume	29.6 fL	87.0 - 101.0 fL
Mean Cell Hemoglobin	29.8 pg	27.0 - 32.0 pg
RDW-CV	11.5 %	11.5 - 14.0 %
RDW-SD	4.0 fL	3.5 - 5.6 fL
Platelet Count	150,000 /mm <sup>3</sup>	150,000 - 400,000 /mm <sup>3</sup>
White Blood Cell Count	10,000 /mm <sup>3</sup>	4,000 - 11,000 /mm <sup>3</sup>
Neutrophils	65 %	50 - 70 %
Lymphocytes	25 %	20 - 40 %
Monocytes	10 %	2 - 8 %
Eosinophils	0 %	1 - 5 %
Basophils	0 %	0 - 2 %
Platelet Distribution Width	18.0 %	11.0 - 16.0 %
Plateletcrit	0.15 L/L	0.10 - 0.15 L/L

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# Patient monitoring systems

HAMILTON-G5	HAMILTON-S1	HAMILTON-C1	HAMILTON-T1	HAMILTON-C2	HAMILTON-C3	HAMILTON-C6	HAMILTON-HF90	Manufacturer	System	Protocol
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Dräger	Infinity	Polling / Block
o	o	o	o	o	o	o	o	GE Healthcare	Datex-Ohmeda	N/A
(✓)	(✓)	(✓)	(✓)	o	o	o	o	Masimo	Patient SafetyNet System and Iris Gateway System	Block
o	o	o	o	o	o	o	o	Maquet	Octanet	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	Mindray	BeneVision	Polling / Block
x	x	x	x	x	x	x	o	Nihon Kohden	BSM-4100K (v01-30 or later)	Polling
x	x	x	x	x	x	x	o	Nihon Kohden	BSM-5100K (v01-30 or later)	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Nihon Kohden	BSM-9101K (v12-06 or later)	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Nihon Kohden	BSM-6000K (v02-10 or later)	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Philips	IntelliVue (IntelliBridge)	VueLink Open
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Philips	IntelliVue (VueLink)	VueLink Open
o	o	o	o	o	o	o	o	Schiller	ARGUS	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Spacelabs Healthcare	Ultraview	Polling

(✓) External device is able to read data from Hamilton Medical device depending on the software version. The accuracy of the displayed monitoring data is not validated by Hamilton Medical.

x External device is not able to read data / no drivers have been developed.

o Contact the monitoring system manufacturer for the current status.

# EHR/EMR/PDMS

HAMILTON-S1	HAMILTON-G5	HAMILTON-C1	HAMILTON-T1	HAMILTON-C2	HAMILTON-C3	HAMILTON-C6	HAMILTON-HF90	Manufacturer	System	Protocol
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	AGFA	ORBIS	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Ascom	Digistat Suite	Polling / Block
(✓)	(✓)	o	o	o	o	o	o	B-Simple	B-ICU.Care	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Cerner	CareAware	Polling / Block
(✓)	(✓)	o	o	o	o	o	o	Chipsoft	CS-ECIS (Electronic Care Information System)	Polling
(✓)	(✓)	o	o	o	o	o	o	Clinicomp	Essentris	Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	HIM	QCare	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Copra System	Copra	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Dräger	Integrated Care Manager (ICM)	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	GE Healthcare	Centricity Critical Care	Polling / Block
(✓)	(✓)	o	o	o	o	o	o	GE Healthcare	Unity Network ID	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	iMDsoft	MetaVision	Polling / Block
o	o	(✓)	(✓)	(✓)	(✓)	(✓)	o	IMESO	ICUData	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	LOWTeq	LOWTeq-PDMS intensive care	Polling
(✓)	(✓)	o	o	o	o	o	o	McKesson	Horizon Clinicals DAS	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	NantHealth	DeviceConX	Block
(✓)	(✓)	o	o	(✓)	o	o	o	Philips	ICCA (former ICIP Release D.03)	Polling
(✓)	(✓)	o	o	o	o	o	o	PICIS	Picis Critical Care Manager	Polling
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Precept Health	ICU Care	Polling / Block

(✓) External device is able to read data from Hamilton Medical device depending on the software version.  
The accuracy of the displayed monitoring data is not validated by Hamilton Medical.

o Contact the monitoring system manufacturer for the current status.

<sup>1</sup> With service pack 1 or higher.

# Connectivity solutions middleware

HAMILTON-S1	HAMILTON-G5	HAMILTON-C1	HAMILTON-T1	HAMILTON-C2	HAMILTON-C3	HAMILTON-C6	HAMILTON-HF90	Manufacturer	System	Protocol
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	Ascom	Digistat Suite	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Bridge-Tech Medical	Device Connectivity Solution (DCS)	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	Capsule Technologie	Device Driver Interface Library	Polling / Block
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Cardiopulmonary Corp.	Bernoulli Enterprise	Block
o	o	o	o	o	o	o	o	CareTrends	careTrends software platform	N/A
o	o	o	o	o	o	o	o	Extension Healthcare	Extension Engage	N/A
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	MedKom	MCare	Polling / Block
(✓)	(✓)	o	o	o	o	o	o	NANTHEALTH iSirona	DeviceConX	Polling
o	o	o	o	o	o	o	o	Nuvon	Nuvon Gateway	N/A
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Philips	IntelliBridge	VueLink Open

- (✓) External device is able to read data from Hamilton Medical device depending on the software version. The accuracy of the displayed monitoring data is not validated by Hamilton Medical.
- o Contact the monitoring system manufacturer for the current status.

# Connectivity between EHR/EMR/PDMS and middleware

EHR/EMR/PDMS system	Middleware					
	Bridge-Tech Medical	Capsule Technologie	Cardiopulmonary Corp.	CareTrends	NANTHEALTH iSirona	Nuvon
Allscripts	o	o	o	o	(✓)	o
CPSI	(✓✓)	o	o	o	o	(✓)
Ecare NEBO	o	o	o	o	o	o
Eclypsis (Allscripts)	(✓✓)	o	o	(✓)	o	(✓)
Epic	(✓✓)	(✓✓)	o	(✓)	(✓)	(✓)
HMS Ambulatory Care	(✓✓)	o	o	o	(✓)	o
McKesson	(✓✓)	(✓✓)	o	(✓)	o	(✓)
MEDITECH	(✓✓)	(✓✓)	o	(✓)	(✓)	(✓)
Medsphere Open Vista	o	o	o	o	o	o
Orion	o	o	o	o	o	o
Siemens Sorion	(✓✓)	(✓✓)	o	o	(✓)	(✓)

(✓✓) Connectivity between EHR/EMR and middleware, as well as between middleware and Hamilton Medical device.

See the table Connectivity solutions middleware on the previous page.

(✓) EHR/EMR should be able to communicate with middleware. The accuracy of this information is not validated by Hamilton Medical.

o Contact the middleware manufacturer for the current status.

## Other systems

HAMILTON-S1	HAMILTON-G5	HAMILTON-C1	HAMILTON-T1	HAMILTON-C2	HAMILTON-C3	HAMILTON-C6	HAMILTON-HF90	Manufacturer	System	Protocol
(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	o	Mallinckrodt Pharmaceuticals	IN0max DSIR	Polling
(✓)	(✓)	(✓)	(✓)	o	(✓)	(✓)	o	EKU	NO-A, EZ-KINOX, CARDINO	Block

- (✓) External device is able to read data from Hamilton Medical device depending on the software version.  
The accuracy of the displayed monitoring data is not validated by Hamilton Medical.
- o Contact the monitoring system manufacturer for the current status.

## Distributed alarm systems

HAMILTON-S1	HAMILTON-G5	HAMILTON-C1	HAMILTON-T1	HAMILTON-C2	HAMILTON-C3	HAMILTON-C6	HAMILTON-HF90	Manufacturer	System	Protocol
(✓)	(✓)	x	x	x	x	(✓)	x	Ascom	Digistat Suite	Block

- (✓) External device is able to read data from Hamilton Medical device depending on the software version.  
The accuracy of the displayed monitoring data is not validated by Hamilton Medical.
- x Not available.