

# Information for Clinical Choice

## Ambulatory Adult ECG Electrodes

### Support Document

#### Introduction

Information for Clinical Choice (ICC) has been developed to assist Clinicians in the decision-making process when assessing the suitability of a product by providing a clear illustration and description of the features of a range of similar products supplied through NHS Supply Chain.

The criteria provided, in the form of a Product Matrix and Support Document, is the result of a product review, conducted by DHLs Clinical Procurement and Quality Assurance Team with support from clinical stakeholders from across the NHS as part of our assurance process.

The aim, alongside delivering savings back into NHS frontline services, is to ensure that clinical choice remains at the forefront of any product switching decision.

#### Electrodes: Adult ECG Electrodes


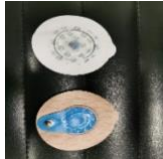


The ECG electrode is a device which is applied to the skin and transfers the electrical activity produced by the heart to a monitoring or diagnostic devices which is capable of visualising the data. The location where electrodes are placed, the quantity used, shape, size and material properties can all vary, yet the functionality is the same (Society of Cardiological Science and Technology (SCST), 2014).

The electrodes are categorised into 3 sections:

- Ambulatory
- Resting
- Stress/ Exercise

Within these 3 groups it is possible that the electrodes can be used in different clinical settings and are not restricted by the section they are listed in.

## ECG Electrodes – Ambulatory (Part 1)

Supplier	Ambu	Ambu	Ambu	Ambu
Brand	Blue Sensor	BlueSensor VLC	Ambu White Sensor	Ambu Blue Sensor
MPC	VLC-00-S/4	VLC-00-S/10	CMM1-00-S/30	VLC-00-S/25
NPC	FDK85009	FDK85013	FDK1426	FDK1069
Picture				
Description	Blue Sensor VLC Electrode	Blue Sensor VLC Electrode	WhiteSensor CMM Electrode, long term	Blue Sensor VLC Electrode
Route	Blue Diamond	Blue Diamond	Stocked	Stocked
UOI	1000	1000	30	25
Pouch	4	10	30	25
Material	Microporous	Microporous	Micropore	Micropore
Gel Type	Wet Gel	Wet Gel	Solid Gel	Wet Gel
Backing type	White Pattern	White Pattern	Patterned Backing	Patterned Backing
Size (mm)	72 x 68	72 x 68	50	72 x 68
Connector type	Offset Stud	Offset Stud	Stud Centre	Off Centre Stud
Resting ECG	✘	✘	✘	✘
Stress or Exercise ECG	✘	✘	✘	✘
Ambulatory ECG (holter monitor)	✔	✔	✔	✔
MR Conditional	✘	✘	✘	✘
Radiolucent non-visible on x-rays	✘	✘	✘	✘
Radiopaque Visible on x-ray	✔	✔	✔	✔
Wear Time (hour)	<72 hours	<72 hours	<48 hours	<72 hours
Latex free	✔	✔	✔	✔
Resealable Packet	✘	✘	✘	✘
Shelf life once opened (day)	1	1	1	1
How many on backing paper	30	30	30	30
Country of Manufacture	Malaysia	Malaysia	Austria	Malaysia

## ECG Electrodes – Ambulatory (Part 2)



Supplier	Ambu	Ambu	Nissha
Brand	Ambu Blue Sensor	Ambu White Sensor	Vermed
MPC	L-00-S/25	4440	4010425C
NPC	FDK1067	FDK1065	FDK1434
Picture			
Description	Blue Sensor L Electrode	White Sensor Electrode, short term	ECG Electrode
Route	Stocked	Stocked	Stocked
UOI	25	30	60
Pouch	25	30	50
Material	Micropore	Cloth	Foam
Gel Type	Wet Gel	Wet Gel	Wet Gel
Backing type	Patterned backing	Patterned backing	Patterned Backing
Size (mm)	68 x 72	55	62 x 35
Connector type	Off Centre Stud	Centre Stud	Off Centre Stud
Resting ECG	x	x	x
Stress or Exercise ECG	x	x	✓
Ambulatory ECG (holter monitor)	✓	✓	✓
MR Conditional	x	✓	x
Radiolucent non-visible on x-rays	x	✓	x
Radiopaque Visible on x-ray	✓	x	x
Wear Time (hour)	<72 hours	<48 hours	<48 hours
Latex free	✓	✓	✓
Resealable Packet	x	x	x
Shelf life once opened (day)	1	1	5
How many on backing paper	30	30	30
Country of Manufacture	Malaysia	India	India

If you have any questions, would like further information, or have feedback to share, please contact:

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