

## Information for Clinical Choice

### Electrosurgical – Adult Patient Plate Return Electrodes without Leadwire

#### 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 / data review, conducted by the Clinical Engagement and Implementation Team, with support from clinical stakeholders from across the NHS. 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.

#### Adult Patient Plate Return Electrodes without Leadwire



Patient return electrodes (often called diathermy plates) are medical devices used during electrosurgery to safely return electrical current from the patient back to the generator. This helps complete the circuit and reduces the risk of unintended burns.

In the Global Medical Device Nomenclature (GMDN), these devices are typically described as “electrosurgical dispersive electrodes” - highlighting their key function: to disperse electrical energy safely over a wide area of the patient’s skin.

Choosing the right return electrode is important for patient safety. Adult return electrodes are used because larger body surface areas require a bigger plate to effectively disperse electrical current and minimise the risk of burns.

Adult Patient Plate Return Electrodes without Leadwire Part 1						
Supplier	Conmed Linvatec Stock & Ed	Critical Healthcare Ltd	Empire Medical Uk Ltd	Empire Medical Uk Ltd	Fannin Uk Ltd	KCI Medical Ltd
<b>Brand</b>	CONMED	Medico Electrodes	Elektronic	Elektronic	Lang Skintact Cool Contact	3M
<b>MPC</b>	51-7410	bluESUPER01B	SY-M4	SY-M7	RSW-25	8180F
<b>NPC</b>	FDJ2355	FCN85487	FCN89134	FCN89135	FDJ103	FBU86994
<b>Base Description</b>	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire
<b>Picture</b>						
<b>Route</b>	eDirect	eDirect	eDirect	eDirect	Stock	eDirect
<b>UOI</b>	Box of 80	Box of 100	Box of 40	Box of 40	Box of 200	Box of 200
<b>Conductive area (cm2)</b>	122.7 cm2	138 cm2	136 cm2	136 cm2	118 cm2	-
<b>Length (cm)</b>	10.72 cm	13.7 cm	16.1 cm	16.1 cm	20 cm	-
<b>Width (cm)</b>	18.64 cm	18.1 cm	8.45 cm	8.45 cm	11 cm	-
<b>Weight Limit</b>	> 15 kg	> 15 kg	> 15 kg	> 15 kg	> 15kg	-



Adult Patient Plate Return Electrodes without Leadwire Part 3					
Supplier	Keymed Ltd	Sra Developments	Sra Developments	Surgical Holdings	Unisurge International Ltd
Brand	Olympus	BOWA	BOWA	Telic	OBS
MPC	WA99514A	816-162	816-112	TPL01	F901365
NPC	FDJ2389	FBU87256	FDJ2453	FBU88085	FBU88082
Base Description	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire	Adult Patient Plate Return Electrodes Spilt -Single Use without Leadwire
Picture					
Route	eDirect	eDirect	eDirect	eDirect	eDirect
UOI	Box of 100	Box of 100	Box of 100	Box of 100	Box of 400
Conductive area (cm2)	100 cm2	160 cm2	110 cm2	128 cm2	144 cm2
Length (cm)	-	21.4 cm	21.2 cm	-	17.9 cm
Width (cm)	21.2 cm	12 cm	12 cm	-	11.2 cm
Weight Limit	> 15 kg	> 5 kg	> 5 kg	> 15 kg	0.5 kg

## References:

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

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