Information for Clinical Choice

Forced air warming systems overview

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 Support Document, is the result of a product review, conducted by the Patient Temperature Management Category Management 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.

Patient Temperature Management - Forced air warming systems overview

It has been shown that keeping the patient normothermic, (that is to keep core temperature between 36.5˚C and 37.5˚C) throughout their perioperative pathway is beneficial. If patient becomes hypothermic its associated with poor outcomes for them. The evidence can be found in the NICE guidelines, link below.

Forced Air Warming (FAW) is one way of keeping patients normothermic.
FAW system is designed to prevent hypothermia and keep patients normothermic throughout their perioperative pathway which includes before, during and after surgical procedures. The Control Unit known as the Blower is used to produce controlled forced air warming and is used in conjunction with their dedicated consumables.

FAW system delivers controlled warm air through a connecting hose into a quiltlike blanket, tube or gown that have small holes on one surface and are single patient use. Warm air escaping through these holes provide conductive and convective warming to the patient. This is an overview of the systems provided on the framework agreement is the range of blowers which are available and an indication of the range of consumables for each machine offered.

This ICC provides an overview and introduction to twelve of ICCs that cover the technical specifications of the different types of consumables from the linked suppliers. Including FAW control units/blowers, adult full, upper, low and underbody blankets. paediatric over and underbody blankets. cardiac, procedure specific and surgical access blankets, tubes and gowns.

Further information and guidance
https://www.nice.org.uk/guidance/cg65/chapter/recommendations

NHS Supply Chain

Patient Temperature Management FAW Systems				
Supplier	**3M UNITED KINGDOM PLC**	**CENTRAL MEDICAL SUPPLIES LTD (CMS)**	**HEALTHCARE 21 UK LTD**	**HEALTHCARE 21 UK LTD**
Brand	Bair Hugger	Mistral Air	Celsius	Warmtouch
MPC	77507; 87507	MA1200	CCALIMA2	5016000
Products available by Supplier	Y/N	Y/N	Y/N	Y/N
FAW Convective Warming devices	Y	Y	Y	Y
Adult Full Body	Y	Y	Y	Y
Adult Upper body	Y	Y	Y	Y
Adult lower body	Y	Y	Y	Y
Adult under body	Y	Y	Y	N
Paediatric over body	Y	Y	Y	Y
Paediatric under body	Y	Y	Y	N
Cardiac blanket	Y	Y	Y	Y
Procedure Specific blanket	Y	Y	Y	N
Surgical Access blanket	Y	Y	Y	Y
Tube	N	Y	Y	N
Gowns	Y	Y	N	N
Country of Manufacture	USA and Germany	Netherlands	Spain and China	Malaysia and China

NHS Supply Chain

Patient Temperature Management FAW Systems		
Supplier	**AQUILANT LTD BD BAS CRITICAL**	**GBUK HEALTHCARE**
Brand	Cocoon	GBUK
MPC	CWS4000/CWS5000	IOB-505
Products available by supplier	Y/N	Y/N
FAW convective warming devices	Y	Y
Adult full body	Y	Y
Adult upper body	Y	Y
Adult lower body	Y	Y
Adult under body	Y	Y
Paediatric over body	Y	Y
Paediatric under body	Y	Y
Cardiac blanket	Y	Y
Procedure specific blanket	Y	Y
Surgical access blanket	Y	Y
Tube	Y	Y
Gowns	Y	Y

References:

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

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Version Control:
20/10/26