## PD ISO/TR 13154:2017



## **BSI Standards Publication**

Medical electrical equipment — Deployment, implementation and operational guidelines for identifying febrile humans using a screening thermograph



#### **National foreword**

This Published Document is the UK implementation of ISO/TR 13154:2017. It supersedes PD ISO/TR 13154:2009 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee CH/121, Anaesthetic and respiratory equipment, to Subcommittee CH/121/9, Lung Ventilators & Related Equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017. Published by BSI Standards Limited 2017

ISBN 978 0 580 91078 4 ICS 11.040.55

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 March 2017.

Amendments/corrigenda issued since publication

Date Text affected

PD ISO/TR 13154:2017

# TECHNICAL REPORT

ISO/TR 13154

Second edition 2017-03

## Medical electrical equipment — Deployment, implementation and operational guidelines for identifying febrile humans using a screening thermograph

Équipement électrique médical — Déploiement, mise en oeuvre et lignes directrices opérationnelles pour l'identification d'êtres humains fébriles en utilisant un thermographe de criblage



Reference number ISO/TR 13154:2017(E)

PD ISO/TR 13154:2017 **ISO/TR 13154:2017(E)** 



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office Ch. de Blandonnet 8 • CP 401 CH-1214 Vernier, Geneva, Switzerland Tel. +41 22 749 01 11 Fax +41 22 749 09 47 copyright@iso.org www.iso.org

Contents		Page
For	reword	iv
Introduction		
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General considerations	
5	Planning for deployment	8
	5.1 General	8
	5.2 Condition of screening site	
	5.3 Design of screening operation	9
	5.4 Selection of screening thermograph	9
6	Operation	9
	6.1 System setup	
	6.2 Screening protocol	10
	6.3 Interpretation of screening results	
	6.4 Requirements of the operator	
	6.5 Requirements of the responsible organization	11
7	Data storage and security	12
Ann	nex A (informative) Deployment considerations	13
Ann	nex B (informative) Example facial thermograms	15
Bibliography		19
Alphabetical index		22