

Declaration of Conformity V2.0

Declaration of Conformity



**Manufacturer:** Shenzhen Mindray Bio-Medical Electronics Co., Ltd.  
Mindray Building, Keji 12th Road South, Hi-tech Industrial  
Park, Nanshan, Shenzhen, 518057, P. R. China

**Manufacturer SRN:** CN-MF-000014156

**EC-Representative:** Shanghai International Holding Corp. GmbH (Europe)  
Eiffestraße 80  
20537 Hamburg, Germany

**Product:** Defibrillator/Monitor

**Model:** BeneHeart D30/BeneHeart D20/BeneHeart  
D20A/BeneHeart D20C/BeneHeart D60/BeneHeart D50/  
BeneHeart D50A/BeneHeart D50C/BeneHeart DX/  
BeneHeart DM

**Basic UDI-DI:** 69449040AB010000102Z

**Classification:** III (According to Rule 22 of MDR Annex VIII)

**CND code:** Z120305

**Conformity Assessment Route:** Annex IX

**Intended Purpose:** The Defibrillator/Monitor is intended for external  
defibrillation, internal defibrillation, synchronized  
cardioversion and semi-automated external defibrillation. It  
can also be used for non-invasive external pacing, CPR  
Feedback as well as ECG, Resp, SpO2, PR, NIBP, CO2, IBP  
and Temp monitoring.  
The intended purpose of BeneHeart D30/BeneHeart  
D20/BeneHeart D20A/BeneHeart D20C does not include  
IBP and Temp monitoring.

We declare that the products mentioned above meet the provisions of the REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT. All supporting documentations are retained under the premises of the manufacturer. This declaration of conformity is issued under the sole responsibility of the manufacturer.

**References to CS:** /

**Notified Body:** BSI Group The Netherlands B.V.  
Say Building, John M. Keynesplein 9, 1066 EP Amsterdam,  
The Netherlands

**Notified Body No.** 2797

**Identification of the Certificate:** MDR 757840, MDR757846

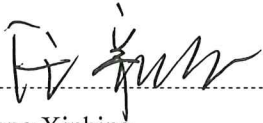
**Start of CE-Marking:** 2022.11.22

I hereby am appointed as the authorized person to deal with all the registration and quality management affairs in my capacity as Deputy director of Technical Regulation Department of Shenzhen Mindray Bio-Medical Electronics Co., Ltd, Effective immediately.

Place, Date of Issue:

Shenzhen, 2022.12.28

Signature:



Name of Authorized Signatory:

Wang Xinbing

Position Held in Company:

Deputy director, Technical Regulation

## Applied Standards List

**Product:** Defibrillator/Monitor

**Model:** BeneHeart D30/BeneHeart D20/BeneHeart D20A/BeneHeart D20C/BeneHeart D60/BeneHeart D50/ BeneHeart D50A/BeneHeart D50C/BeneHeart DX/ BeneHeart DM

### Standards Applied:

EN ISO 14971:2019/A11:2021	Medical devices - Application of risk management to medical devices
EN ISO 20417:2021	Medical devices - Information to be supplied by the manufacturer
EN ISO 15223-1:2021	Medical devices-Symbols to be used with medical device labels, labeling and information to be supplied
EN 60601-1:2006+A1:2013/IEC 60601 1: 2005 +A1:2012	Medical electrical equipment--Part 1: General requirements for basic safety and essential performance
EN 60601-1-2:2015	Medical electrical equipment--Part 1-2: General requirements for basic safety and essential performance-- Collateral standard: Electromagnetic compatibility--Requirements and tests
EN 60601-1-6:2010+A2:2021	Medical electrical equipment-part 1-6: general requirements for basic safety and essential performance--collateral standard: usability
IEC 60601-1-8:2006/AMD1:2012/AMD2:2020	Medical electrical equipment - part 1-8: general requirements for basic safety and essential performance - collateral standard: general requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
EN 60601-2-4:2011/A1:2019	Medical electrical equipment - Part 2-4: Particular requirements for the safety of cardiac defibrillators
EN 60601-2-25:2015	Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs
EN IEC 60601-2-27: 2014	Medical electrical equipment--Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
EN IEC 80601-2-30:2019	Medical electrical equipment - part 2-30: particular requirements for the basic safety and

essential performance of automated non-invasive sphygmomanometers

EN ISO 81060-2:2014

Non-invasive sphygmomanometers - part 2: clinical validation of automated measurement type

EN 60601-2-34:2014

Medical electrical equipment - part 2-34: particular requirements for the basic safety, including essential performance, of invasive blood pressure monitoring equipment

EN IEC 80601-2-49:2019

Medical electrical equipment –Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment

EN ISO 81060-2-61:2019

Medical electrical equipment - part 2-61: particular requirements for basic safety and essential performance of pulse oximeter equipment

EN ISO 80601-2-56:2017/A1:2020

Medical electrical equipment - part 2-56: particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement

EN ISO 80601-2-55:2018

Medical electrical equipment - part 2-55: particular requirements for the basic safety and essential performance of respiratory gas monitors

EN 62304:2006/A1:2015

Medical device software - Software lifecycle processes

EN 62366-1:2015+A1:2020

Medical devices – Part 1: Application of usability engineering to medical devices

EN 1789:2020

Medical Vehicles and Their Equipment - Road Ambulances

EN ISO 17664-2:2021

Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices

EN 60601-1-12:2015+A1:2020

Medical Electrical Equipment — Part 1-12: General requirements for basic safety and essential performance — Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the emergency medical services environment

EN 60601-1-10:2008+A2:2020

Medical electrical equipment Part 1-10: General requirements for basic safety and essential performance — Collateral Standard: Requirements for the development of physiologic closed-loop controllers

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Mindray Building, Keji 12th Road South, Hi-tech Industrial  
Park, Nanshan, Shenzhen, 518057, P. R. China

**UK-Representative:** Mindray UK Ltd.  
Mindray House, Kingfisher Way, Hinchingsbrooke Business  
Park, Huntingdon, UK, PE29 6FN

**Product:** Defibrillator/Monitor

**Model:** BeneHeart D30/BeneHeart D20/BeneHeart D20A/BeneHeart  
D20C/BeneHeart D60/BeneHeart D50/ BeneHeart  
D50A/BeneHeart D50C/BeneHeart DX/ BeneHeart DM

**Classification:** IIb(According to rule 9)

**Conformity Assessment Route:** Annex II excluding (4)

**GMDN code:** 17882

**We declare that the above mentioned products meet the provisions of the UK Medical Devices Regulations 2002. All supporting documentations are retained under the premises of the manufacturer. This declaration of conformity is issued under the sole responsibility of the manufacturer.**

**Standards Applied:**

List of (harmonized) standards for which documented evidence for compliance can be provided as attachment.

**Notified Body:** BSI Assurance UK Ltd  
Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5  
8PP

**Notified Body No.** 0086

**UK certificate No.:** UKCA 768496

**Start of UK-Marking:** 2022.12.19

**Place, Date of Issue:** Shenzhen, 2022.12.28

**Signature:** \_\_\_\_\_

**Name of Authorized Signatory:** Wang Xinbing

**Position Held in Company:** Deputy director, Technical Regulation

## Applied Standards List

**Product:** Defibrillator/Monitor

**Model:** BeneHeart D30/BeneHeart D20/BeneHeart D20A/BeneHeart D20C/BeneHeart D60/BeneHeart D50/ BeneHeart D50A/BeneHeart D50C/BeneHeart DX/ BeneHeart DM

### Standards Applied:

BS EN ISO 14971:2019+A11:2021	Medical devices - Application of risk management to medical devices
BS EN ISO 20417: 2021	Medical devices-Information supplied by the manufacturer with medical devices
BS EN ISO 15223-1:2021	Medical devices-Symbols to be used with medical device labels, labeling and information to be supplied
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BS EN 60601-1-6:2010+A2:2021	Medical electrical equipment-part 1-6: general requirements for basic safety and essential performance--collateral standard: usability
BS EN 60601-1-8:2007+A2:2021	Medical electrical equipment - part 1-8: general requirements for basic safety and essential performance - collateral standard: general requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
BS EN 60601-2-4:2011+A1:2019	Medical electrical equipment - Part 2-4: Particular requirements for the safety of cardiac defibrillators
BS EN 60601-2-25:2015	Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs
BS EN 60601-2-27:2014	Medical electrical equipment--Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
BS EN IEC 80601-2-30:2019	Medical electrical equipment - part 2-30: particular requirements for the basic safety and

	essential performance of automated non-invasive sphygmomanometers
BS EN ISO 81060-2:2014	Non-invasive sphygmomanometers - part 2: clinical validation of automated measurement type
BS EN 60601-2-34:2014	Medical electrical equipment - part 2-34: particular requirements for the basic safety, including essential performance, of invasive blood pressure monitoring equipment
BS EN IEC 80601-2-49:2019	Medical electrical equipment –Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
BS EN ISO 80601-2-61:2019	Medical electrical equipment - part 2-61: particular requirements for basic safety and essential performance of pulse oximeter equipment
BS EN ISO 80601-2-56:2017+A1:2020	Medical electrical equipment - part 2-56: particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement
BS EN ISO 80601-2-55:2018	Medical electrical equipment - part 2-55: particular requirements for the basic safety and essential performance of respiratory gas monitors
BS EN 62304:2006/A1:2015	Medical device software - Software lifecycle processes
BS EN 62366-1:2015+A1:2020	Medical devices – Part 1: Application of usability engineering to medical devices
BS EN 1789:2020	Medical Vehicles and Their Equipment - Road Ambulances
BS ISO 17664-2:2021	Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices.
BS EN 60601-1-12:2015+A1:2020	Medical Electrical Equipment — Part 1-12: General requirements for basic safety and essential performance — Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the emergency medical services environment
BS EN 60601-1-10:2008+A2:2021	Medical electrical equipment Part 1-10: General requirements for basic safety and essential performance — Collateral Standard: Requirements for the development of physiologic closed-loop controllers

Declaration of Conformity V2.0



## Declaration of Conformity

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**EC-Representative:** Shanghai International Holding Corp. GmbH (Europe)  
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D50A/BeneHeart D50C/BeneHeart DX/ BeneHeart DM

**We herewith declare that the above mentioned products meet the provisions of the Council Directive 2011/65/EU, amended by Directive 2015/863/EU. All supporting documentations are retained under the premises of the manufacturer.**

**Standards Applied:**  
EN IEC 63000: 2018

**Place, Date of Issue:**

Shenzhen, 2022.12.28

**Signature:**

**Name of Authorized** Wang Xinbing

**Signatory:**

**Position Held in Company:** Deputy director, Technical Regulation

Declaration of Conformity V1.0

Declaration of Conformity



**Manufacturer:** Shenzhen Mindray Bio-Medical Electronics Co., Ltd.  
Mindray Building, Keji 12th Road South, Hi-tech Industrial Park,  
Nanshan, Shenzhen, 518057, P. R. China

**EC-Representative:** Shanghai International Holding Corp. GmbH (Europe)  
Eiffestraße 80  
20537 Hamburg, Germany

**Product:** Defibrillator/Monitor

**Model:** BeneHeart D30/BeneHeart D20/BeneHeart D20A/BeneHeart  
D20C/BeneHeart D60/BeneHeart D50/ BeneHeart D50A/BeneHeart  
D50C/BeneHeart DX/ BeneHeart DM

We herewith declare that the above mentioned products meet the provisions of the Council Directive 2014/53/EU concerning radio equipment. All supporting documentation is retained under the premises of the manufacturer.

Standards Applied:

<input checked="" type="checkbox"/> EN 60601-1:2006/A1:2013	<input checked="" type="checkbox"/> EN 60601-1-2: 2015
<input checked="" type="checkbox"/> EN 62311:2008	<input checked="" type="checkbox"/> ETSI EN 301 489-1 V2.2.3
<input checked="" type="checkbox"/> ETSI EN 301 489-3 V2.2.0	<input checked="" type="checkbox"/> ETSI EN 301 489-17 V3.1.1
<input checked="" type="checkbox"/> ETSI EN301 489-19V2.1.1	<input checked="" type="checkbox"/> ETSI EN301 489-52V1.1.0
<input checked="" type="checkbox"/> ETSI EN301 908-1 V13.1.1	<input checked="" type="checkbox"/> ETSI EN 301 908-2 V13.1.1
<input checked="" type="checkbox"/> ETSI EN 301 908-13 V13.1.1	<input checked="" type="checkbox"/> EN301 908-25 V15.1.1_15.0.2
<input checked="" type="checkbox"/> ETSI EN 301 893 V2.1.1	<input checked="" type="checkbox"/> ETSI EN301 511 V12.5.1
<input checked="" type="checkbox"/> EN 300 330V2.1.1	<input checked="" type="checkbox"/> ETSI EN303 413 V1.1.1
<input checked="" type="checkbox"/> ETSI EN 300 328 V2.2.2	/

Place, Date of Issue: Shenzhen, 2023.1.11

Signature:

Name of Authorized Signatory: Wang Xinbing

Position Held in Company: Deputy director, Technical Regulation