BRAND INDIA ENGINEERING
E-CATALOGUE

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PANACEA MEDICAL TECHNOLOGIES PVT LTD

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Panacea Medical Technologies is a professional health care company head quartered in India nurturing a culture of innovation and clinical solutions for diagnosis and therapy of cancer. The company engineers sophisticated state of the art technology in radiotherapy & radiology. PMT is the only Radiotherapy Equipment manufacturer in Asia and one among the 5 key players in the world. Panacea Medical Technologies Pvt. Ltd. has worked along with BHABHA ATOMIC RESEARCH CENTRE (BARC), India for the development of Indigenous technologies for Radiotherapy, i.e. Co-60 teletherapy Bhabhatron II and radiotherapy Simulator (IMAGIN). Panacea is sole proud transferee of Telecobalt and Simulator technologies from BARC besides having acquired medical linear accelerator technology from reputed Deity institution, Society for Applied Microwave Electronic Engineering and Research (SAMEER). Panacea has diligently been treading path for last many years building indigenous resources and capabilities which have resulted in architectural innovation on our acquired platform technologies making them internationally competitive. Panacea is uniquely positioned in the Indian Medical Equipment industry participating in the entire process of Research & Development, Manufacturing, Quality Assurance, Marketing & Sales and Customer Education. Panacea strives to employ the best techniques/technology to deliver the most optimum product that is relevant to the customer.

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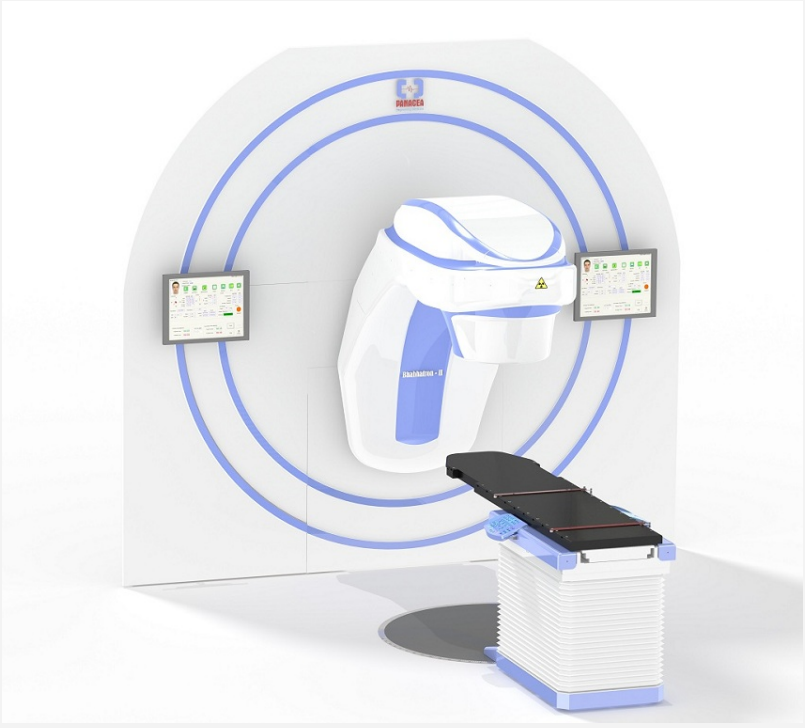
Products Description

BHABHATRON II

Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Radiation Apparatus
Technical Details	Bhabhatron-II external beam radiation therapy system which comes with source to axis distance of 80cm or 100cm is designed to house a Cobalt-60 radioisotope of high activity (15KCi max.). The source capsule is mounted in a pneumatically driven source drawer which toggles the source between shielded (beam-OFF) position and treatment (beam-ON) position. All the motions in the main unit and the treatment table are motorized. The collimator assembly controls the size and orientation of the radiation beam.
ITC HS Codes	902221
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	
Date of Expiry	
End Use Sectors	
Product Images	

IMAGIN

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Product Category	Diagnostic & Imaging Instruments
Product Sub-Category	Radiation Apparatus
Technical Details	Digital simulator helps to diagnose the physical extent of the tumor and its relation to the surrounding tissues for proper selection of the size and orientation of the radiotherapy beams. It is also useful to verify a treatment plan. Radiotherapy simulator is an essential tool for improving the quality of radiotherapy for the treatment of cancer patients. Major sub-systems in the radiotherapy simulator are gantry, collimator, x-ray tube, imaging unit, patient support/positioning system (couch), and remote control console. It is similar to an external beam radiotherapy machine except that diagnostic x-ray is used as source of radiation. The variable focus to axis distance makes it suitable for therapy simulation for a number of teletherapy machines.
ITC HS Codes	902221
Certification/ Standard	CE
Issuing Agency	---
Date of Issue	
Date of Expiry	
End Use Sectors	
Product Images	

Sectors of Interest	Radiotherapy, Radiology
Is After Sales Service Provider?	Yes
Importance of niche products	Radiotherapy is a safe and established method of treatment of cancer worldwide. All Panacea products are certified to comply with international standards and are designed to be intuitive. The treatment is focused and with minimal side effects. These products are very effective in treating solid tumors across all sites of the human body.
Potential market of niche products	AFRICA, MIDDLE EAST, EUROPE, ASIA

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Product Supply Record	Bugando Medical Centre, Mwanza National Cancer Center, Ulaanbatoor Kenyatta National Hospital, Nairobi Cancer Disease Hospital, Zambia University Medical College, Ibadan Can Tho Hospital, Can Tho city
Patented Technologies	
Awards/Accolades	1. Developed First indigenous 6MV LINAC (Linear accelerator) for cancer therapy in association with Central Scientific Instruments Organization (CSIO), Society for Applied Microwave Electronics Engineering & Research (SAMEER) as part of Jai Vigyan program of Department of Information technology 2. Developed world-class indigenous technology for Cancer Therapy in collaboration with Bhabha Atomic Research Center (BARC), India 3.Developed hi-tech Digital X-ray machines in the field of radiology 4. Recognition for IN-HOUSE Research & Development by Department of Scientific and Industrial research(DSIR), Ministry of health and Technology, Government of India, for Enabling the state-of-the-art innovation, excellence and competitiveness through research & technological interventions. 5. Quality Council Of India D. L. SHAH COMMENDATION AWARD for BHABHATRON-II.