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**AERB & BIS**



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# BPL M-RAD<sup>®</sup> 5.0DR

BPL M-Rad 5.0 DR is an Ultra High Frequency digital mobile X-Ray solution that combines unique design & superior image quality at low radiation dosage, which is ideal for patient wards, intensive care, operating rooms etc.



User friendly control panel for kV, mA & mAs selection with Anatomical Programming



Adjustable Collimator with high luminescence lamp for easier & faster positioning



Compact & Light weight design



Semi concealed cable design for advantage in hospital environment



5 kW Generator Output



Smaller focal support (1.8 mm<sup>2</sup>) for superior image quality



110 KHz high frequency generator



Error indication to minimize downtime

**Powered by**  
**Ultra-High Frequency X-ray generator**

# Advantages of BPL M-Rad 5.0DR

- For Patient – Comfortable bed side X-ray at a lower dose
- For Clinician – Smooth workflow with ease of positioning
- For Radiologist – Fast and accurate diagnosis
- For the Administrator – High patient throughput
- Extremely user friendly with wireless workflow



12.3" full touch control panel

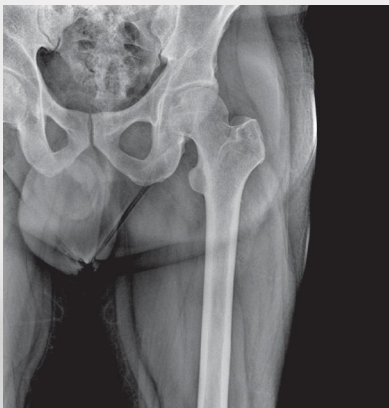
- LAN Connectivity
- Image transfer to PACS through Wi-Fi (optional)



Protection cover for detector (Optional)

# BPL EVS 3643 Wireless Detector

## For Quality X-ray Imaging

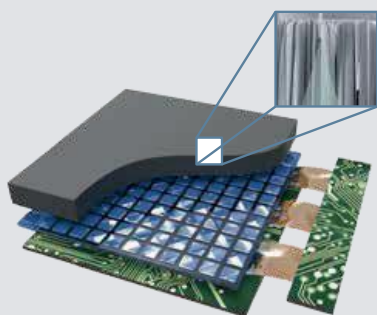
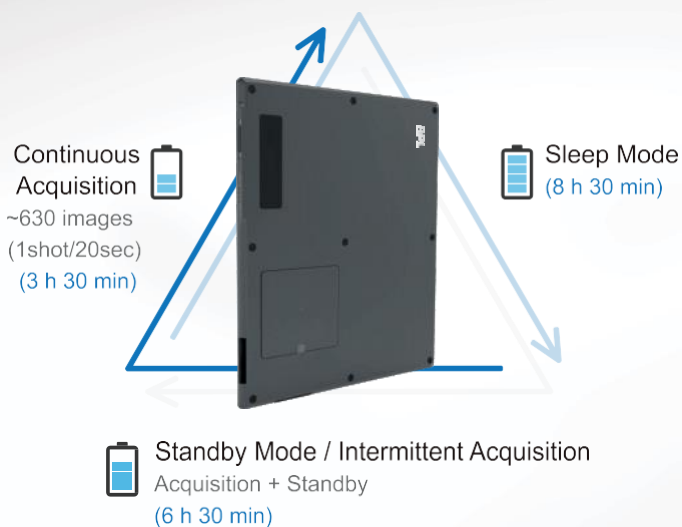


**BPL EVS 3643, the innovative digital X-ray solution suits multiple diagnostic environments with different needs**

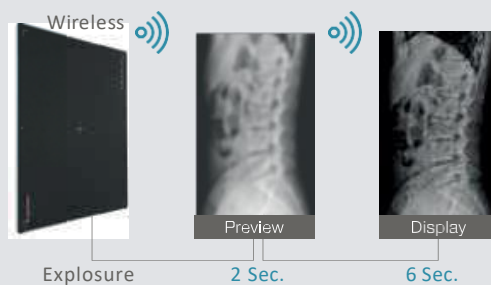
- Portable digital flat panel detector
- Ultimate sharpness of image using TRUEVIEW ART technology
- Slim dual battery charger
- Light weight with enhanced durability
- IPX4 - Ingress protection from liquids

### 'Lossless AED'

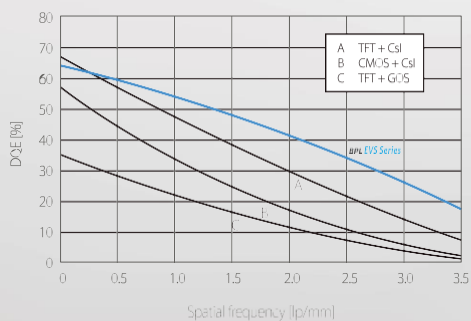
- Reduced patient dosage for patient and clinician
- Increased AED Sensitivity
- Stable and accurate X-ray sensing
- Reliable operator without interruption by external shock or vibration



- Intensified image sharpness with Directly deposited CSI



- Faster Image display with high speed operating scheme



- Battery DQU performance in higher spatial frequencies  
Direct deposition columnar structure CSI + TFT (Provides high quality images)

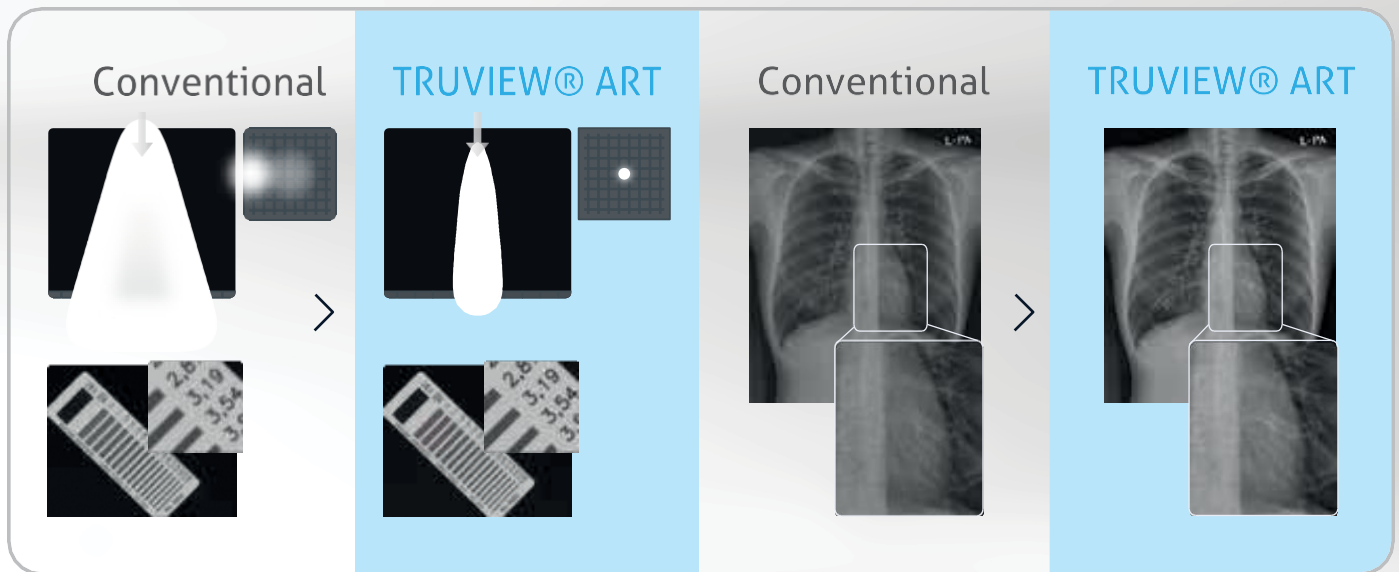


# Technology with an Edge

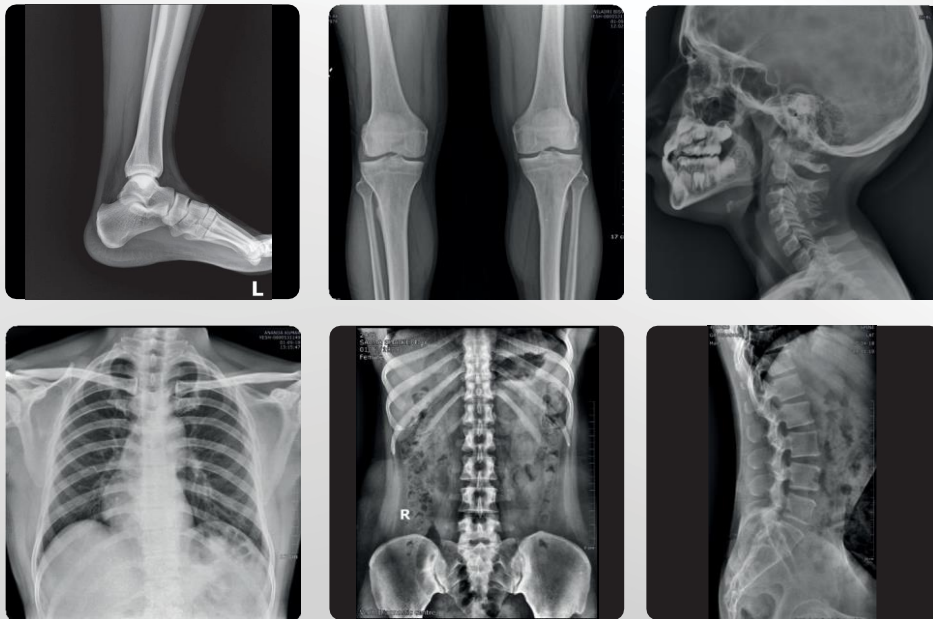
TRUEVIEW  
ART 

## Advanced image reconstruction technology

TRUE VIEW ART is an unique reverse filtering technology using mathematical analysis, reconstructs and improves image sharpness to increase the possibility of detecting abnormalities



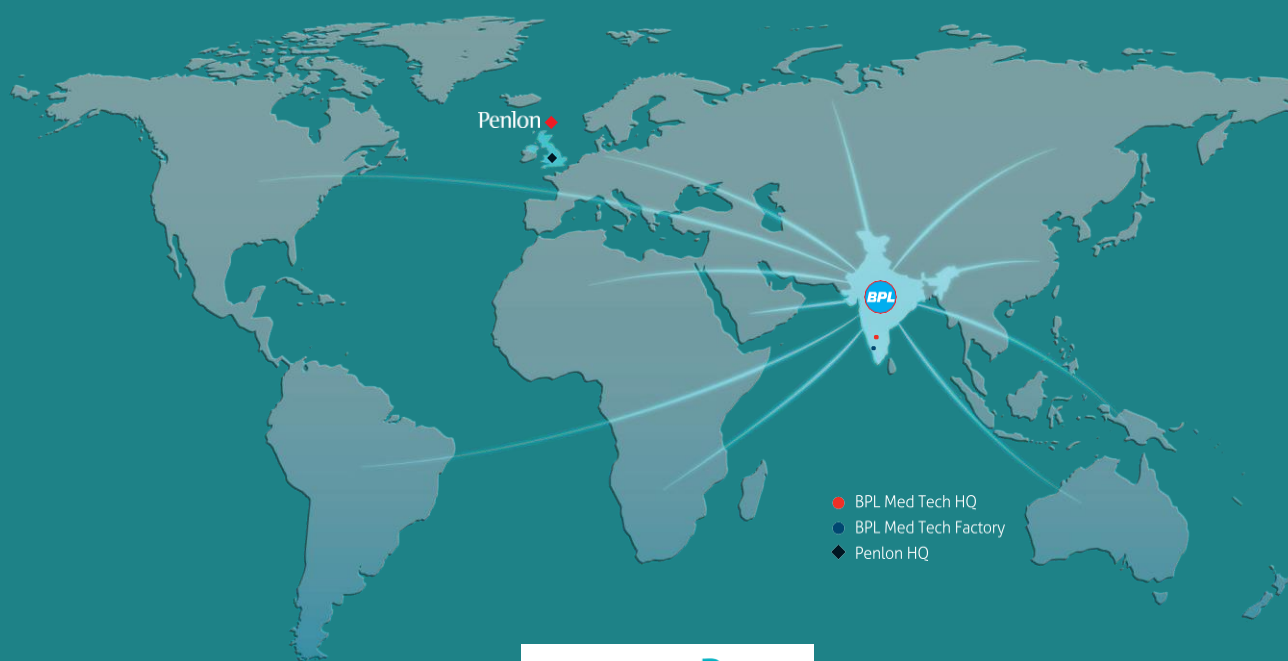
## Clinical Images



# BPL M-RAD™ 5.0 DR Technical Specifications

Generator Output	:	5 KW
Type	:	110 kHz
mA Range	:	20 - 100
mAs Range	:	1 to 250
KVP RANGE	:	40 to 110 kVp in steps of 1 kVp/ step
Display	:	Alphanumeric LCD (4 x 20 characters)
X-Ray Tube Type	:	Stationary Anode
Focal Spot	:	1.8 mm <sup>2</sup>
Collimator	:	Manually operated with light beam diaphragm
Control Panel	:	12.3" full touch control for Econsole Software
		kV, mA & mAs Display on X-Ray Control Panel
Detector Specifications	:	Detector Type : Direct Deposition Csl
		Weight : 2.98kg
		Active Area : 358 x 430 mm <sup>2</sup>
		Pixel pitch : 140 μ
		Resolution : 2,560 X 3,072 Pixels
		X-Ray I/F : Lossless AED
Other Features	:	Self-diagnostic Programming
Stand	:	Mobile stand with Dual Articulated Arm
Hand Switch	:	Dual Action
Power Supply	:	230 VAC ±10%, 50Hz

## A Global Medical Technology Company



BPL M-Rad 3.5 DR, Service is Powered by



Service Helpline  
**1800-425-2355**

### CERTIFIED ISO 13485 : 2016 COMPANY

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