



# Versatility to make your life simple

Philips MultiDiagnost Eleva with 3D imaging

**PHILIPS**

# A new dimension in multi

The MultiDiagnost Eleva 3D-RX offers you a new dimension in multifunctionality. Experience full 3-dimensional reconstruction on a multifunctional fluoroscopy and radiography X-ray system. 3D reconstructions broaden your wide application range even further, covering vascular and general interventions, orthopedics and spine procedures.

“You can see much more information with one 3D acquisition than with the three DSA runs which are normally used with an iliac angiography”

Gerard ten Haken, MD, General Radiologist  
Rijnstate Ziekenhuis, Arnhem, the Netherlands

What makes the MultiDiagnost Eleva 3D-RX so good? Firstly, its 180° C-arm rotation range, which provides the necessary reconstruction data as a prerequisite for superior 3D image quality. Secondly, together with the head to toe coverage of the MultiDiagnost Eleva, the 3D-RX enables volumetric imaging of the relevant part of the body. The 3D reconstruction is available within seconds, in both the examination and control room, improving speed and quality of both diagnosis and intervention. With the patient standing during weight bearing examinations, the MultiDiagnost Eleva is the only multipurpose X-ray system which can perform conventional 2D and 3D imaging as well as stack imaging. Just one run is needed to provide you with multiple views between

which you can easily switch. The studies can then be exported to PACS, ViewForum or CD/DVD.

### **Versatility to make your life simple**

The MultiDiagnost Eleva 3D-RX adapts to the varied and changing demands of a modern hospital, giving you the versatility you expect from a truly multifunctional system. This system is designed to help you and your patients by reducing examination time, patient transport and improving diagnostically relevant data. And of course this system can also be used to handle the overflow from dedicated X-ray rooms.

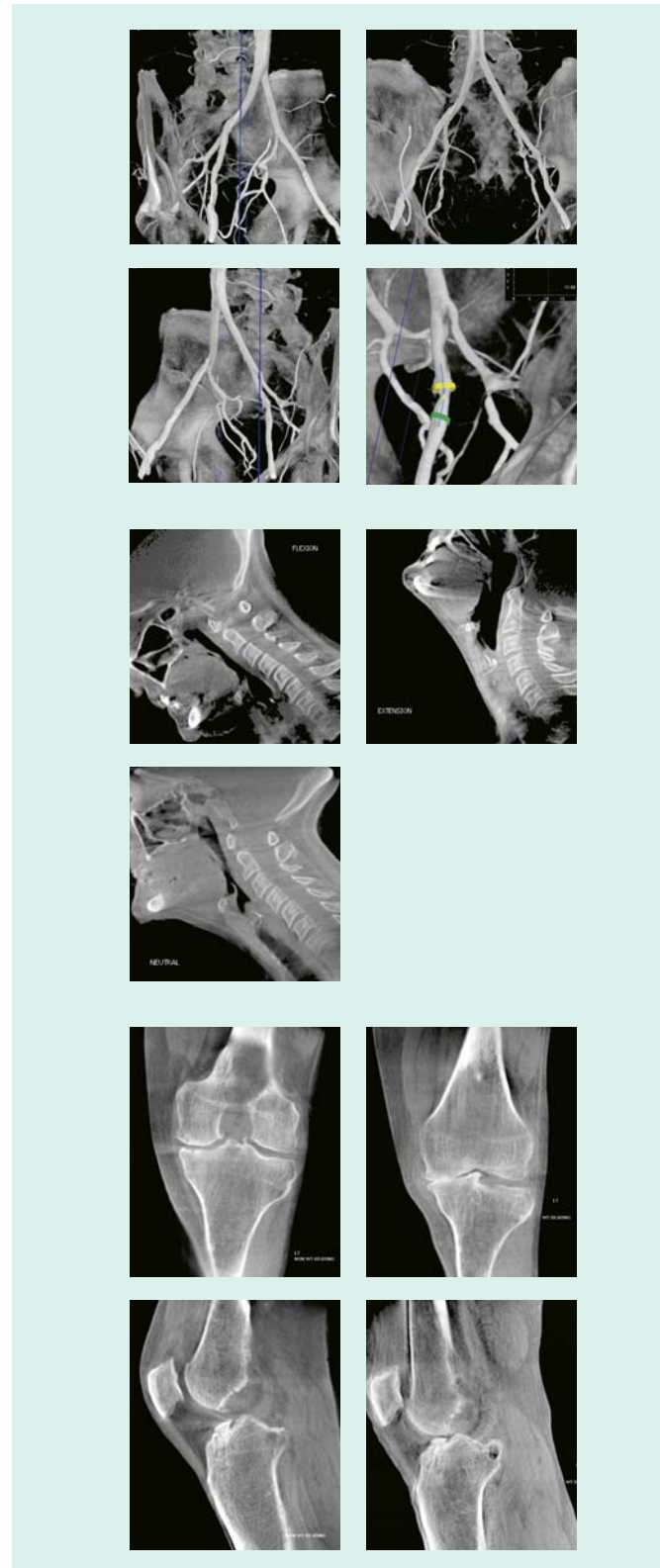


# functionality



“Getting multiplanar imaging from a multipurpose C-arm will add another level of confidence and another level of visualization”

William W.Y. Siu, MD, FRCP(C) Radiologist  
Royal Columbian Hospital, Vancouver, Canada



## Clinical imaging solutions

### Vascular/Interventions

- Endo view, virtual stenting, Automated Vessel Analysis
- Improved procedure quality with better visualization of anatomy
- For optimal workflow the 3D image will follow the C-arm

### Spine procedures

- 3D insight to check procedure results while the patient is still on the table and if needed adapt treatment strategy on the spot
- Weight bearing examinations including flexion-extension
- MPR (Multi-Planar Reformatting) for excellent visualization of intervention results

### Orthopedics

- 3D acquisition with patient standing – weight bearing examinations
- Conventional 2D, 3D and stack imaging on one system
- Orthogonal tomographic reconstructions
- Dedicated orthopedic packages extending your orthopedic capabilities

## Your key benefits

- Superb weight bearing imaging through a unique combination of tiltable geometry and MultiDiagnost Eleva 3D-RX
- Seamless integration of 3D technology into your workflow through instant availability of 3D reconstruction
- Excellent insight into anatomy to develop a better treatment strategy through stack imaging



“It is truly emerging technology. It is providing comprehensive evaluation of the musculoskeletal alignment and conditions not previously available”

Helene Pavlov, MD, FACR, Radiologist-in-Chief,  
Hospital for Special Surgery, New York, NY, USA

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