MEET YOUR
RESIDENT CONSULTANTS

WE ARE HERE TO HELP YOU FEEL BETTER

RESIDENT CONSULTANTS

JOINT ORTHOPAEDIC SURGERY

ASSOC.PROF. (C) DR. RUSLAN NAZARUDDIN SIMANJUNTAK
CONSULTANT ORTHOPAEDIC & JOINT REPLACEMENT SURGEON
(MD) UKM, MS Orth (UKM), FAMM, Fellowship in Joint Replacement (USA)

DATO' DR. BADRUL SHAH BADARUDDIN
CONSULTANT ORTHOPAEDIC, ARTHRITIS & SPORTS SURGEON
MD (UKM), MS Orth (UKM), FAOI Trauma (UK), Fellowship in Arthroplasty, Arthroscopy & Joint Replacement (Australia), AMM

PROF. DR. AZHAR M. MERICAN
CONSULTANT ORTHOPAEDIC & ROBOTIC JOINT SURGEON
MBBS (S'ton, UK), MS Orth (UM, Mal), Dip (London), Ph.D (IC London), AMM

DR. KOW REN YI
CONSULTANT ORTHOPAEDIC, ARTHRITIS & SPORTS SURGEON
MBBS (IMU), MS (Ortho) (IIUM), Fellowship in Arthroplasty (UKM), Fellowship in Adult Reconstruction (S'pore)

SPINE ORTHOPAEDIC SURGERY

DATO' DR. K.S. SIVANANTHAN
CONSULTANT ORTHOPAEDIC, TRAUMA & SPINE SURGEON
MBBS (Calcutta), FRCS (Edinburgh), MCh Orthopaedic Surgery (Liverpool), FAMM

DR. WONG CHUNG CHEK
CONSULTANT ORTHOPAEDIC & SPINE SURGEON
MBBS (UM), FRCS (Edinburgh), MS Orth (UM)

DR. LIM SZE WEI
CONSULTANT ORTHOPAEDIC, SPINE & TRAUMA SURGEON
MBBS (India), MS Orth (UM), CMIA (NIOSH), ATLS (RCS)

DR. LEE CHEE KEAN
CONSULTANT ORTHOPAEDIC SPINE SURGEON
MBBS (UM), MS Orth (UM), Fellowship in Spine Surgery (UM & S.Korea)

SPORTS MEDICINE

DR. NIK HAZIMAN WAN HAMAT
CONSULTANT SPORTS PHYSICIAN
MBBS (UiTM), Master Sports Medicine (UM)

RADIOLOGY

DR. SABRILHAKIM SIDEK
CONSULTANT GENERAL & MSK RADIOLOGIST
MD (UKM), MRAD (UM), General & Musculoskeletal Radiology Fellowship & Training (M'sia, South Korea, Australia)

CARDIOLOGY

DR. LEE LI CHING
CONSULTANT CARDIOLOGIST
MBBS (Australia), MRCP (UK), FRCP (UK), FACC (USA)

ANAESTHESIOLOGY

DR. MOHAMAD FADHIL HADI BIN JAMALUDDIN
CONSULTANT ANAESTHESIOLOGIST & CRITICAL
MBBS (UM), MMed Anaes (UM)

DR. LIM SIU MIN
CONSULTANT ANAESTHESIOLOGIST & PAIN SPECIALIST
MBBS (IMU), M.Anaes (UM), Fellowship in Chronic Pain Management (Canada)

MSOH ACCREDITED HOSPITAL

ADDING LIFE TO YEARS

ALTY ORTHOPAEDIC HOSPITAL

ALTY
SCREENING

ALTY SCREENING

Protect yourself and your loved ones from illness.
Get screened with our full body check-up packages.

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THE BRANDLAUREATE

ALTY ORTHOPAEDIC HOSPITAL

ALTY
SCREENING

Silver
RM300

- ✓ Medical Officer Consultation
- ✓ Vital Signs Check
- ✓ Vision Test
- ✓ In-body Analysis (detailed report)
- ✓ ECG
- ✓ Chest X-Ray
- ✓ Basic Blood Profile (34 tests)
- ✓ Package includes:
  - Breakfast
  - Free Parking

Gold
RM900

- ✓ Specialist Consultation
- ✓ Vital Signs Check
- ✓ Vision Test
- ✓ In-body Analysis (detailed report)
- ✓ ECG
- ✓ Chest X-Ray
- ✓ Ultrasound Abdomen & Pelvis
- ✓ Basic Blood Profile (34 tests)
- ✓ Advance Blood Profile (9 tests)
- ✓ Package includes:
  - Breakfast
  - Free Parking

Optional Tests

Liquid-based Pap Smear | RM79
Mammogram or Breast Ultrasound | RM198

Note:
- Please fast 8 hours before your appointment.
- Free parking is valid for entries using tickets only.

ALTY
SCREENING

Male Platinum
RM1,680

- ✓ Specialist Consultation
- ✓ Vital Signs Check
- ✓ Vision Test
- ✓ In-body Analysis (detailed report)
- ✓ ECG
- ✓ Chest X-Ray
- ✓ Ultrasound Abdomen & Pelvis
- ✓ Stress Test
- ✓ Cardiac Echo
- ✓ Basic Blood Profile (34 tests)
- ✓ Advance Blood Profile (10 tests)
- ✓ Male Tumour Markers (3 tests)
- ✓ Package includes:
  - Breakfast
  - Free Parking

Female Platinum
RM1,680

- ✓ Specialist Consultation
- ✓ Vital Signs Check
- ✓ Vision Test
- ✓ In-body Analysis (detailed report)
- ✓ ECG
- ✓ Chest X-Ray
- ✓ Ultrasound Abdomen & Pelvis
- ✓ Stress Test
- ✓ Cardiac Echo
- ✓ Basic Blood Profile (34 tests)
- ✓ Advance Blood Profile (10 tests)
- ✓ Female Tumour Markers (4 tests)
- ✓ Package includes:
  - Breakfast
  - Free Parking

Optional Tests

Liquid-based Pap Smear | RM79
Mammogram or Breast Ultrasound | RM198

Note:
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- Free parking is valid for entries using tickets only.

Compare Our Packages

		Silver RM300	Gold RM900	Male Platinum RM1,680	Female Platinum RM1,680
CONSULTATION	Medical Officer Consultation	●			
	Specialist Consultation		●	●	●
DIAGNOSTIC TEST	Vital Signs Check	●	●	●	●
	Vision Test	●	●	●	●
	In-body Analysis (with detailed report)	●	●	●	●
	ECG	●	●	●	●
	Chest X-Ray	●	●	●	●
	Ultrasound Abdomen & Pelvis		●	●	●
	Stress Test			●	●
	Cardiac Echo			●	●
BASIC BLOOD PROFILE	Full Blood Count (10 tests)	●	●	●	●
	Kidney Function (9 tests)	●	●	●	●
	Liver Function (9 tests)	●	●	●	●
	Lipid Profile (5 tests)	●	●	●	●
	Urine FEME	●	●	●	●
ADVANCE BLOOD PROFILE	Diabetic Screening - HbA1c		●	●	●
	Thyroid Screening – TSH & FT4		●	●	●
	Immunology – Hepatitis A (TOTAL Ab), HBsAg, HBsAb, Rheumatoid Factor		●	●	●
	Advance Immunology - Hepatitis C Virus Antibody			●	●
	Blood Group - ABO & Rhesus		●	●	●
	Basic Tumour Marker - Alpha Fetoprotein (AFP)		●	●	●
MALE TUMOUR MARKERS	Carcinoembryonic Antigen (CEA), Prostate-Specific Antigen (PSA) & CA 19-9			●	
FEMALE TUMOUR MARKERS	Carcinoembryonic Antigen (CEA), CA 125, CA 19-9, CA 15-3				●
PACKAGE INCLUDES	Breakfast	●	●	●	●
	Free Parking	●	●	●	●

Optional Tests

Liquid-based Pap Smear | RM79

Mammogram or Breast Ultrasound | RM198

Note:

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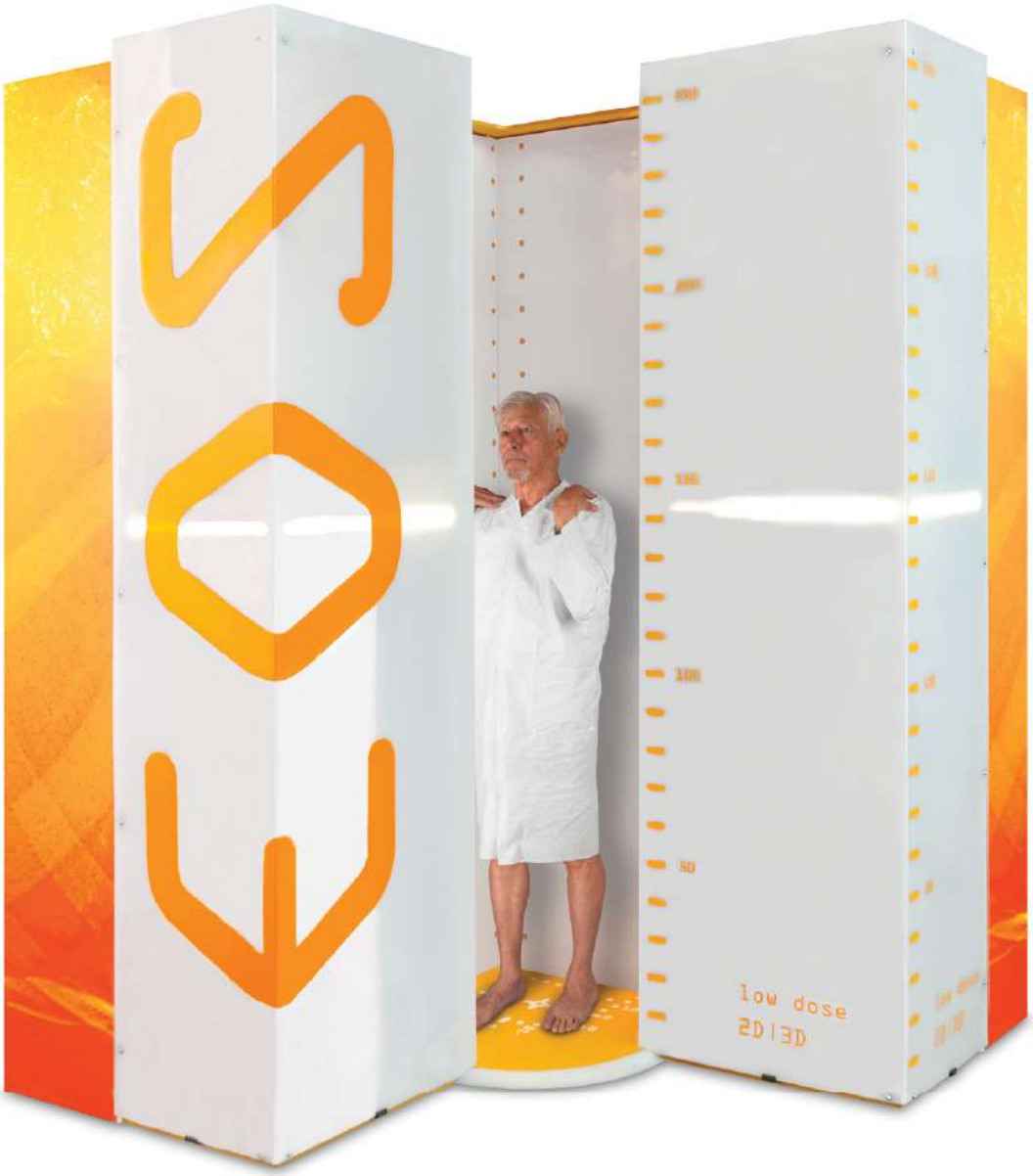


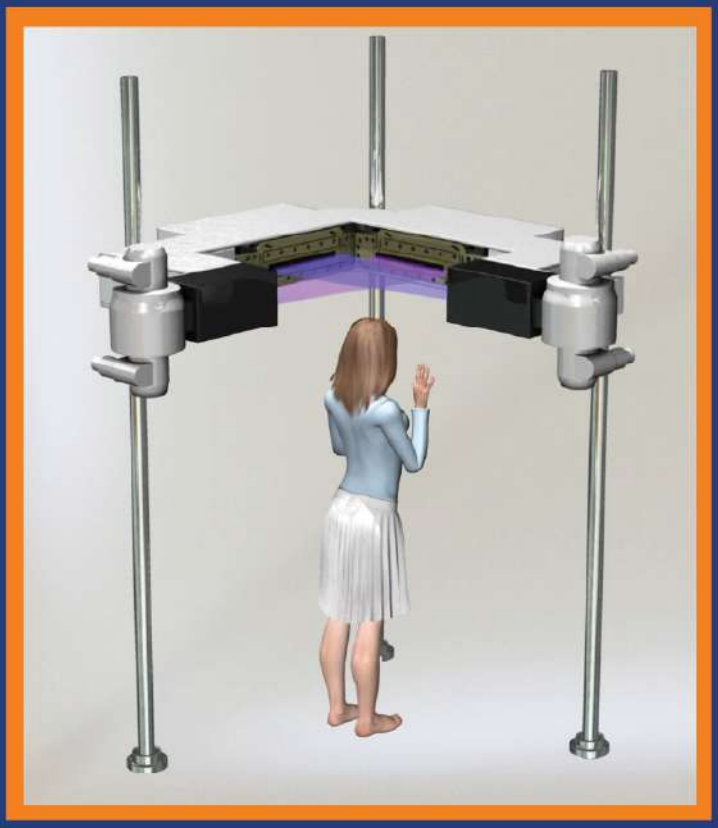
What is EOS System?

The EOS system delivers low dose stereoradiographic images of patients in functional position. The unique biplanar design and vertical scanning allows the acquisition of full body with precise 2D and 3D measurements, helping clinicians to better visualize mechanisms between the spine, hip, and knee, enhancing patient treatment across all stages of care.
The EOS system introduces a fifth modality to reduce patient radiation dose for a wide range of patients providing an exceptional image contrast.

How does it work?

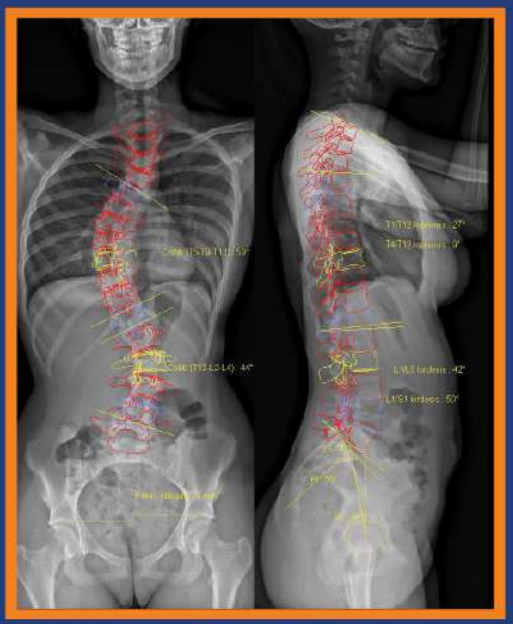
During an EOS exam, the patient stands or sits in an upright position inside a special scanning cabin. Two very narrow X-ray beams – one vertical, one horizontal – scan the entire body to create 2D and 3D images of the spine and joints.

Unlike traditional X-ray imaging, where the patient may have to be repositioned to get views from different angles, these two simultaneous scans provide all the imaging necessary. Capturing frontal and lateral (side-view), full-body images take less than twenty seconds. If a full-body image is not necessary (such as for a knee condition), the EOS system can be set to scan a particular region of the patient's anatomy.

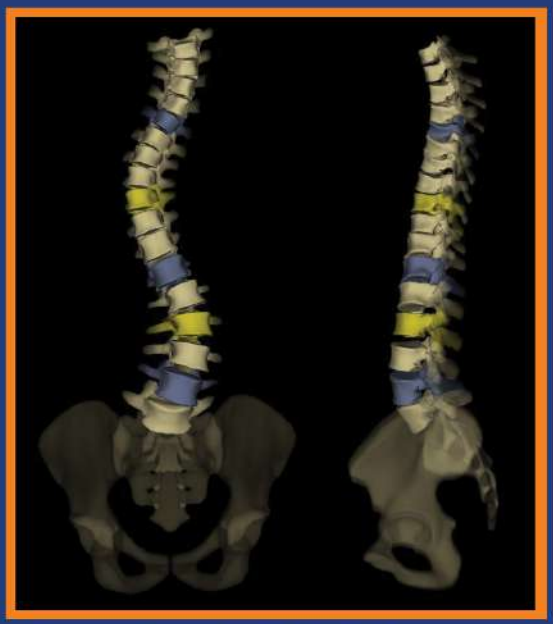


Remarkable Image Quality For Impeccable Care

EOS exams are unique because they capture the front and side view of your body at the same time. These images are of consistent high quality from head to toe — with no magnification.That means accurate diagnoses, measurements and 3D models without high radiation or costly, time consuming exams. With EOS, your medical team can offer personalized care based on your unique anatomy throughout your care journey.



Sample of EOS 2D image



Sample of EOS 3D image

What are the benefits?

01 Reduced Radiation Exposure

The EOS system can reduce a patient's radiation dose by 95% when substituted for specific CT exams. EOS exams reduce radiation dose by 50% compared to DR systems and 85% compared to CR systems.

02 Exceptional Image Accuracy

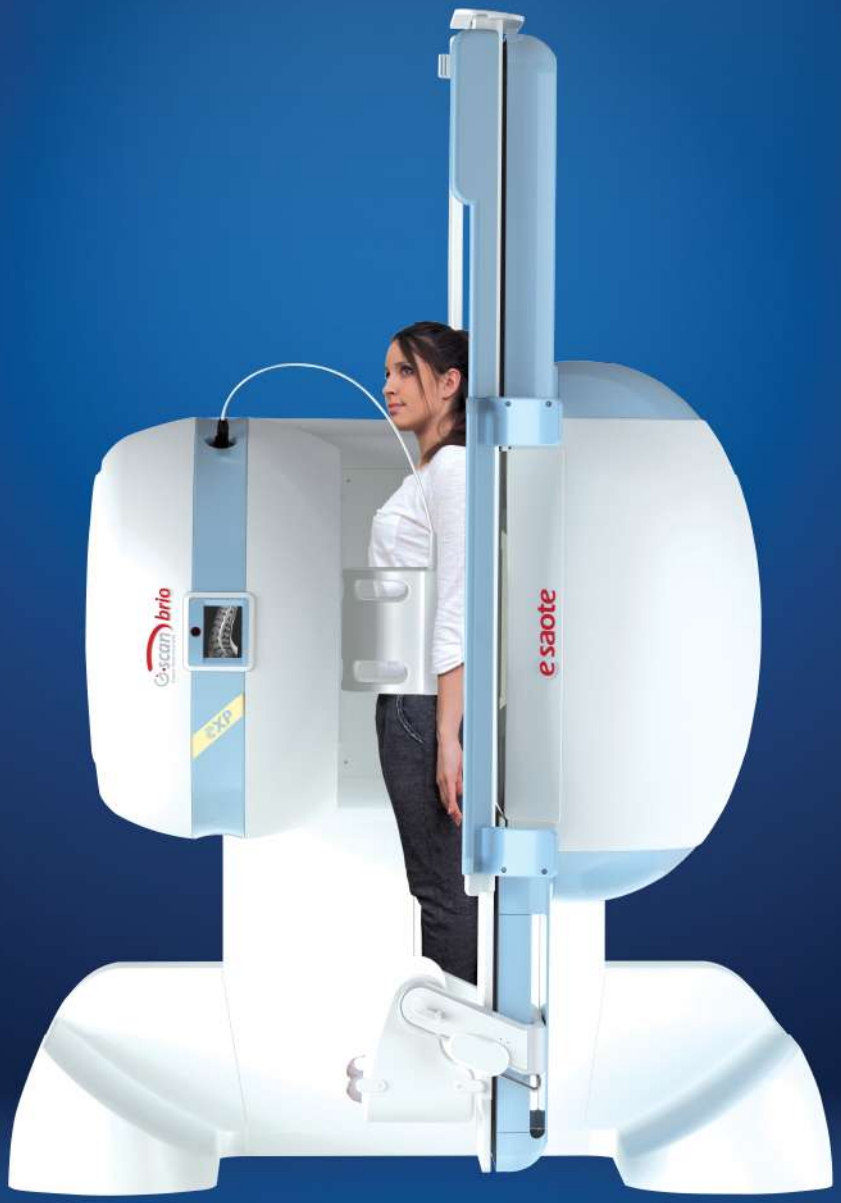
EOS exams deliver a highly accurate view of the musculoskeletal system through full body, weight-bearing 3D images. Our system calculates precise 2D and 3D measurements without magnification or stitching bias.Improves patient comfort and diagnostic reading

03 Improved Diagnostics & Planning

High-accuracy imaging data from EOS allows providers to plan treatment strategies around each patient's unique 3D anatomy. Our low dose imaging system helps medical experts and their patients co-create the best path to wellness.

THE WEIGHT- BEARING MRI:

The Key To Confidence



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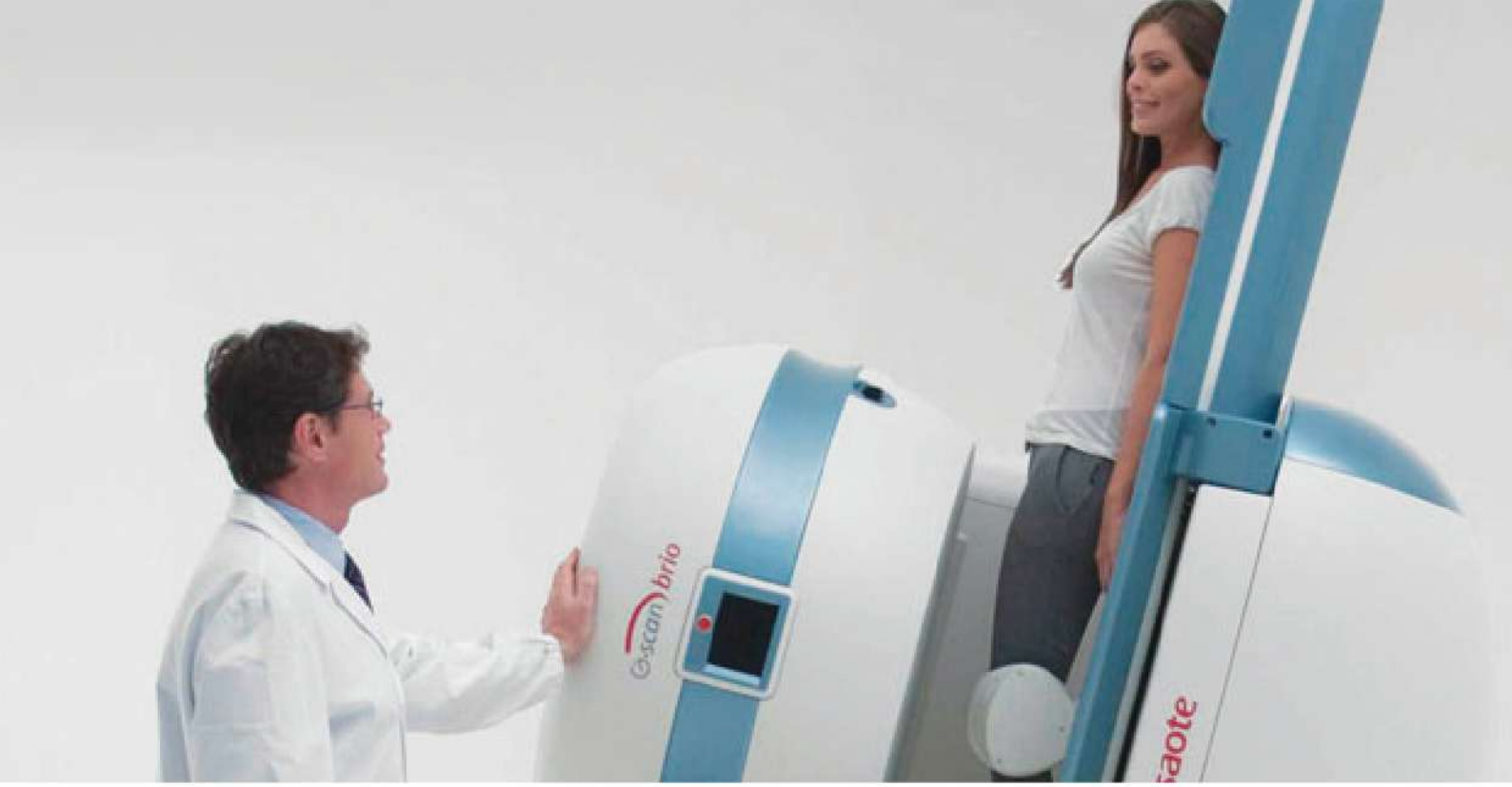
What is Weight-bearing MRI?

Our Weight-bearing MRI is a revolutionary MRI approach, which allows us to increase diagnostic accuracy and confidence. The open and tilting design is a new and innovative way of doing MRI in which the position of the patient becomes an integral part of the outcome of the examination.

How is it different from conventional MRI?

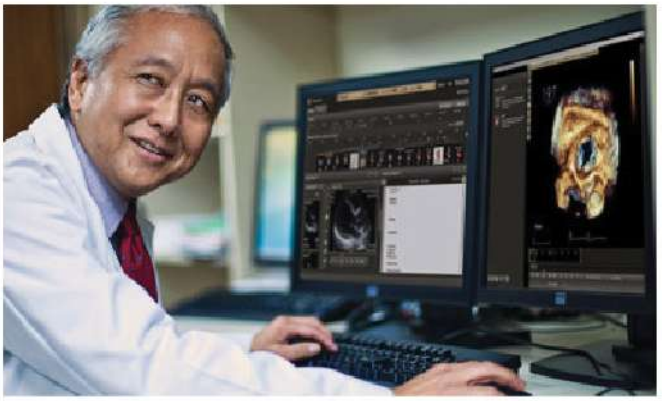
Many symptoms and pathologies occur or are emphasized when the patient is in a weight-bearing position. Conventional MRI may not demonstrate the pathology related to particular symptoms whereas the Weight-bearing MRI gives you a new point of view so you can accurately diagnose especially musculoskeletal (MSK) pathologies that are affected by the weight-bearing position.

With this, we can gain a more complete understanding of the joint under examination. The forces of gravity generate bio-mechanical changes in the human anatomy, so MR imaging in the natural standing position allows us to obtain extra details which would not normally be seen.



What are the benefits?

01 Detects mobility issues that are otherwise not visible on conventional MRI



When the body is in a certain position, some people experience more discomfort. Body positions that ordinarily cause pain can be easily replicated with a Weight-bearing MRI. In comparison to closed, supine MRI, this allows a clearer diagnostic read.

The weight-bearing feature provides more accurate diagnosis and subsequently better surgical outcomes by capturing images of the lumbar spine that may reveal disc herniation, bulging discs, and other spine injuries that may not be revealed in a traditional MRI. Scanning in the position of pain is also helpful in tracking notable deviations in ligaments, tissues, bone orientation and nerve root contact.

02 Allows imaging under the effects of gravity

Most cervical spinal cord injuries are caused by axial loading or force directed through the top of the head and through the spine causing rotation and/or hyperflexion.

Weight-bearing MRIs have axial loading imaging capabilities. They account for the effects of gravity on the patient's spine and replicate the compression that tissues endure every day.

This allows physicians to get precise images, enhance treatment decisions, and spot abnormalities that may otherwise go undetected.

03 Improves patient comfort and diagnostic reading

Weight-bearing MRI provides the highest quality imaging available for the L-spine. It gives the physician more insights into the true nature of the patient's condition that may have previously gone undetected.

Instead of lying in an enclosed capsule, patients stand or sit between imaging devices. Positional MRI utilises a magnet top and bottom and is open on all four sides. This significantly reduces the risk of claustrophobia, anxiety, and panic attacks that are usually experienced in a closed MRI system.

04 Limits repeat exams

With clearer and more detailed images, radiologists and referring physicians can make more informed diagnoses. This results in faster, more comfortable scans and fewer repeat exams for patients.

The future of MRI scanning

Weight-bearing MRI allows superior imaging of any targeted body part. At ALTY, we specialise in MRI tests designed for better outcomes and patient experiences. The revolutionary design of our scanners permits scanning accuracy in positions where symptoms arise.

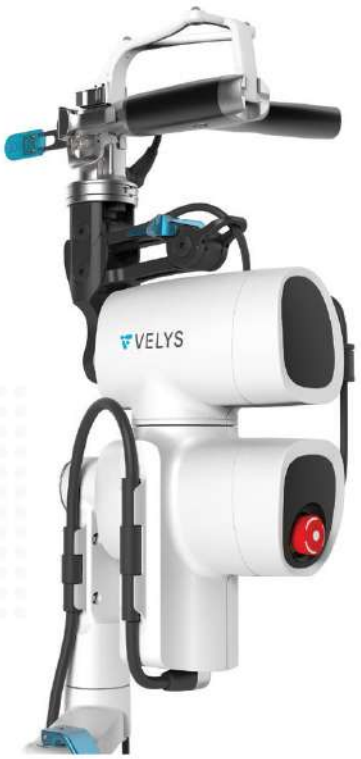
VELYS™
Digital Surgery

ALTY
ORTHOPAEDIC
HOSPITAL

Get to know VELYS™ Robotics

Designed for digital precision in knee replacement

Your guide to understanding how the VELYS™ Robotic-Assisted Solution can help you start moving again.



DePuy Synthes
THE ORTHOPAEDICS COMPANY OF Johnson&Johnson

The knee featured is a visual representation of the ATTUNE® Knee System implant position.

Understanding your knee replacement with the VELYS™ Robotic-Assisted Solution

A total knee replacement is a procedure performed to fix the damaged parts of a knee with different types of implants.[1] Advanced technology like robotic-assisted devices can help your surgeon perform a precise knee replacement surgery personalized for your specific anatomy.[2]

What is the VELYS Robotic-Assisted Solution?

This technology is a robotic-assisted device that helps assist the surgeon to perform a knee replacement surgery. **The VELYS™ Robotic-Assisted Solution is designed for digital precision.[2]**

- Helps the surgeon optimize the outcome with the use of data that's unique to your anatomy
- Keeps your surgeon in control during your procedure and doesn't move or operate on its own

How does the VELYS Robotic-Assisted Solution work?

The VELYS Robotic-Assisted Solution uses a variety of advanced technologies to ensure the surgeon has the information and tools they need to perform a highly accurate and precise knee replacement.[2]

- Aids the surgeon by accessing state-of-the-art technology to provide insights for real-time decision making
- Helps your surgeon remove the damaged bone with accuracy
- Uses an infrared camera and optical trackers to help your surgeon achieve the highest possible precision level
- Works exclusively with the ATTUNE® Knee System, an innovative implant system

How is robotic-assisted technology different?

Robotic-assisted procedures compared to traditional methods*

Robotic-assisted[2-5]

- Technology controlled by the surgeon
- May experience less pain and a faster recovery
- More consistent outcomes (inconsistencies can affect recovery)

Traditional[5-9]

- Hand-held tool
- May experience a longer recovery time
- Outcomes may change based on surgeon processes and performance

What are the benefits of using robotic-assisted technology?

With robotic-assisted technology, your surgeon can:*

- Perform a knee replacement tailored to you
- Provide precision and accuracy[2]
- Gather details and data related to your knee to help find a favorable implant fit