

EOS is a medical imaging system whose aim is to provide frontal and lateral radiography images, while limiting the X-ray dose absorbed by the patient in a sitting or standing position. The system relies on the high sensitivity of a detector (multi-wire chamber) invented by Georges Charpak (which gave him the [1992](#) Nobel prize).

EOS is commercialized by the French company EOS imaging as an orthopedic application whose main feature is the 3D visualization of the vertebral column and/or lower limbs of the patients.

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Last update: **2025/04/29 20:20**

