



## Link between 2D and 3D radiography via the EOS biplanar radiology device.

### What is a parametric model and how can it be useful for Delaire 3D cephalometry?

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#### Abstract :

The EOS system is a state-of-the-art radiology system. It is a French invention resulting from the work that earned Professor Georges Charpak the 1992 Nobel Prize for Physics. The study of the patient is done in a standing position by obtaining simultaneous front and side views from the top of the head to the soles of the feet. Numerous tools are available and others are being developed to create a 3D bone

model from these simultaneous low-radiation 2D radiographs. This makes it a tool of choice for the study of the spine and more broadly of the posture of the growing child. Its use and its tools for 2D and 3D craniofacial cephalometry are very interesting.