



# IMS-BHU gets Ultrasound, Echocardiogram Machines

## Why in News?

The department of Geriatric Medicine at the Institute of Medical Sciences, **Banaras Hindu University**, officially unveiled **two new portable ultrasound and echocardiogram machines**.

## Key Points

- The department offers complimentary in-house bedside **electrocardiogram and spirometry services**, along with body composition analyzer and hand grip dynamometer for frailty assessment, all provided at no cost.
- IMS BHU gave a presentation on the range of **Ankylosing Spondylitis** impacting the bone.
  - The event was arranged by [AIIMS, Jammu](#) as part of the **Asia Pacific Orthopaedic Association Young Surgeons Forum**.

## Ankylosing Spondylitis (AS)

- It is a **type of arthritis** that mainly **affects the back, by causing inflammation in the spine**. This can make your back, rib cage and neck stiff and painful.
- It often starts in people who are in their late teens or 20s.
- In response to the inflammation, **the body produces extra calcium around the bones of the spine**. This can make extra bits of bone grow and cause your back and neck to be more stiff.

## The Asia Pacific Orthopaedic Association (APOA)

- It is a regional organisation of orthopaedic surgeons from the **Asia Pacific region**.
- It **began in 1962** as the Western Pacific Orthopaedic Association. With the inclusion of countries of the Indian sub-continent in 2000, the association was renamed as the Asia Pacific Orthopaedic Association.
- It has **24 member chapters** and more than 65,000 members from over 40 countries.
- Its **core mission** is to promote the education, research and fellowship amongst orthopaedic surgeons in this region.