

Cartoon Editorial



Visible Korean for Fine Virtual Anatomy

Beom Sun Chung

Department of Anatomy, Ajou University School of Medicine, Suwon, Korea



► See the article “Advanced Sectioned Images of a Cadaver Head with Voxel Size of 0.04 mm” in volume 34, number 34, e218.

Received: Jul 29, 2019
Accepted: Jul 30, 2019

Address for Correspondence:

Beom Sun Chung, MD

Department of Anatomy, Ajou University
School of Medicine, 164 World Cup-ro,
Yeongtong-gu, Suwon 16499,
Republic of Korea.
E-mail: bschung@ajou.ac.kr

© 2019 The Korean Academy of Medical
Sciences.

This is an Open Access article distributed
under the terms of the Creative Commons
Attribution Non-Commercial License ([https://
creativecommons.org/licenses/by-nc/4.0/](https://creativecommons.org/licenses/by-nc/4.0/))
which permits unrestricted non-commercial
use, distribution, and reproduction in any
medium, provided the original work is properly
cited.

ORCID iDs

Beom Sun Chung
<https://orcid.org/0000-0002-3644-9120>

Disclosure

The author has no potential conflicts of
interest to disclose.

Dr. Scifun

BS Chung (anatomy.co.kr)

Visible Korean project for fine virtual anatomy

In Visible Korean project, a cadaver was serially sectioned to prepare 2D images with real color and high resolution.

Sectioning is like differential.

2D images are stacked to reconstruct 3D model, which contributes to virtual anatomy.

Stacking is like integral.

The thinner sectioning intervals are, the finer 3D model is.

In Visible Korean project, the intervals were reduced to 0.04 mm, thinner than hair thickness (0.05 mm). So was the pixel size.

As a result, 3D model of structure (≥ 0.04 mm) can be reconstructed.

Visible Korean project crosses the boundary between macroscopic and microscopic anatomy.