

Anatomi Umum

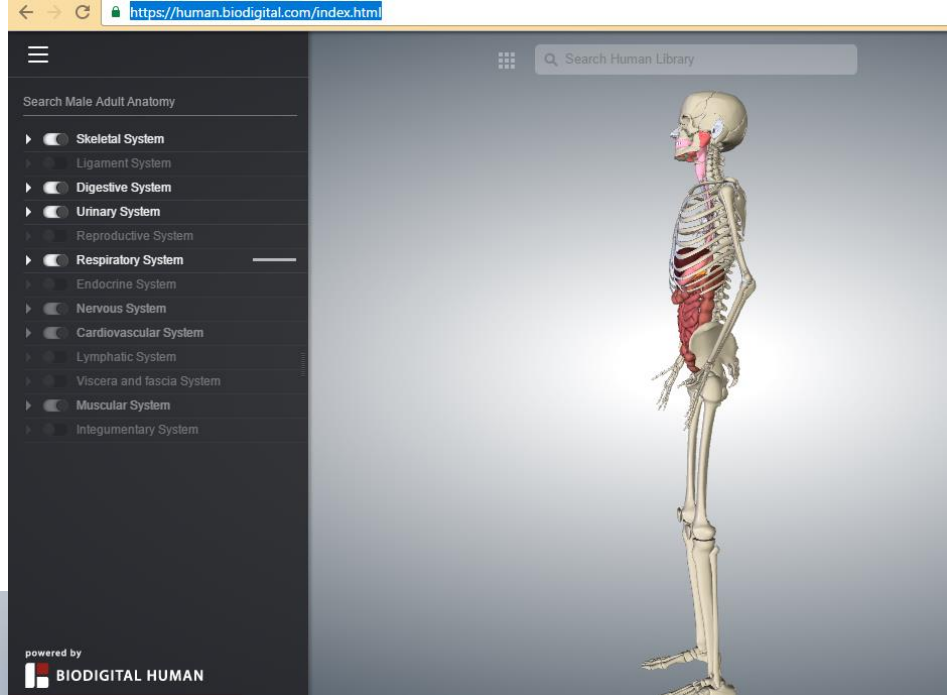
Sakina

FK UNAIR

2020

Sekilas pandang

- Apa itu anatomi?
 - Studi mengenai struktur makhluk hidup (Merriam-Webster's Learner's Dictionary)
 - Meliputi struktur makroskopis dan mikroskopis
- Why we should learn anatomy
 - Basic knowledge for medical procedures
 - Localize symptoms and signs
 - Relationship between structures
 - Normal variations
- How to learn anatomy
 - Dissection → Prosection → Anatomical models → Multimedia
 - Regional approach & Systemic approach



Google



3D Organon VR Anatomy on Steam
store.steampowered.com



Medical Students Learn in World's Largest Virtual Re...
rdworldonline.com



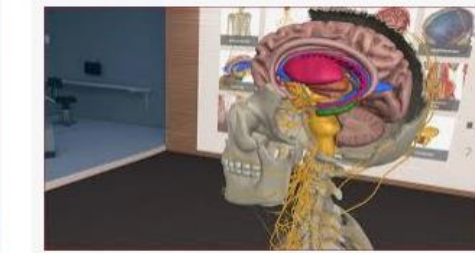
Anatomy class get a new level with AR and VR | X-TECH ...
x-tech.am



3D Organon VR Anatomy | Enterprise Edition on Steam
store.steampowered.com



3D Organon VR Anatomy 2019 - YouTube
youtube.com

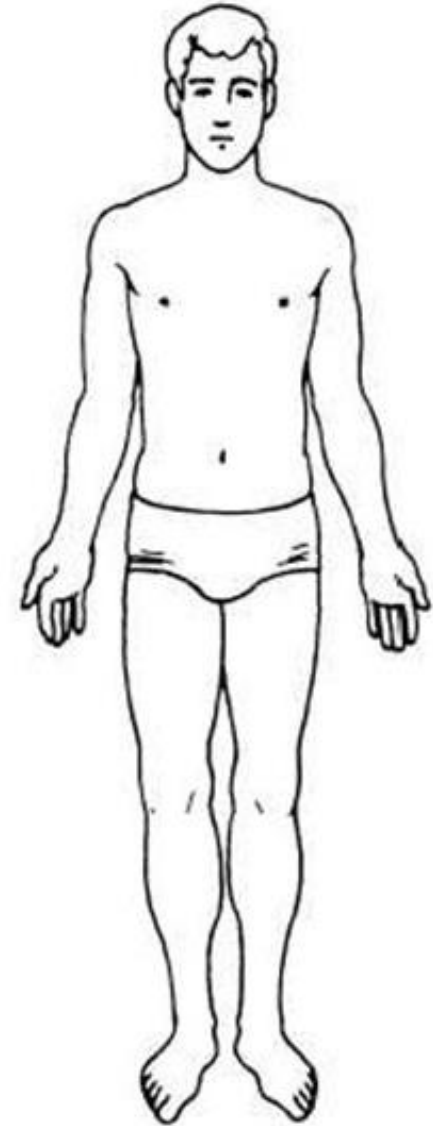


Learn What Makes Up the Human Body in 3D Organon ...
vrfocus.com



Posisi anatomis

- Posisi yang diterima secara universal
- Penggunaan istilah anatomi didasarkan pada posisi tersebut

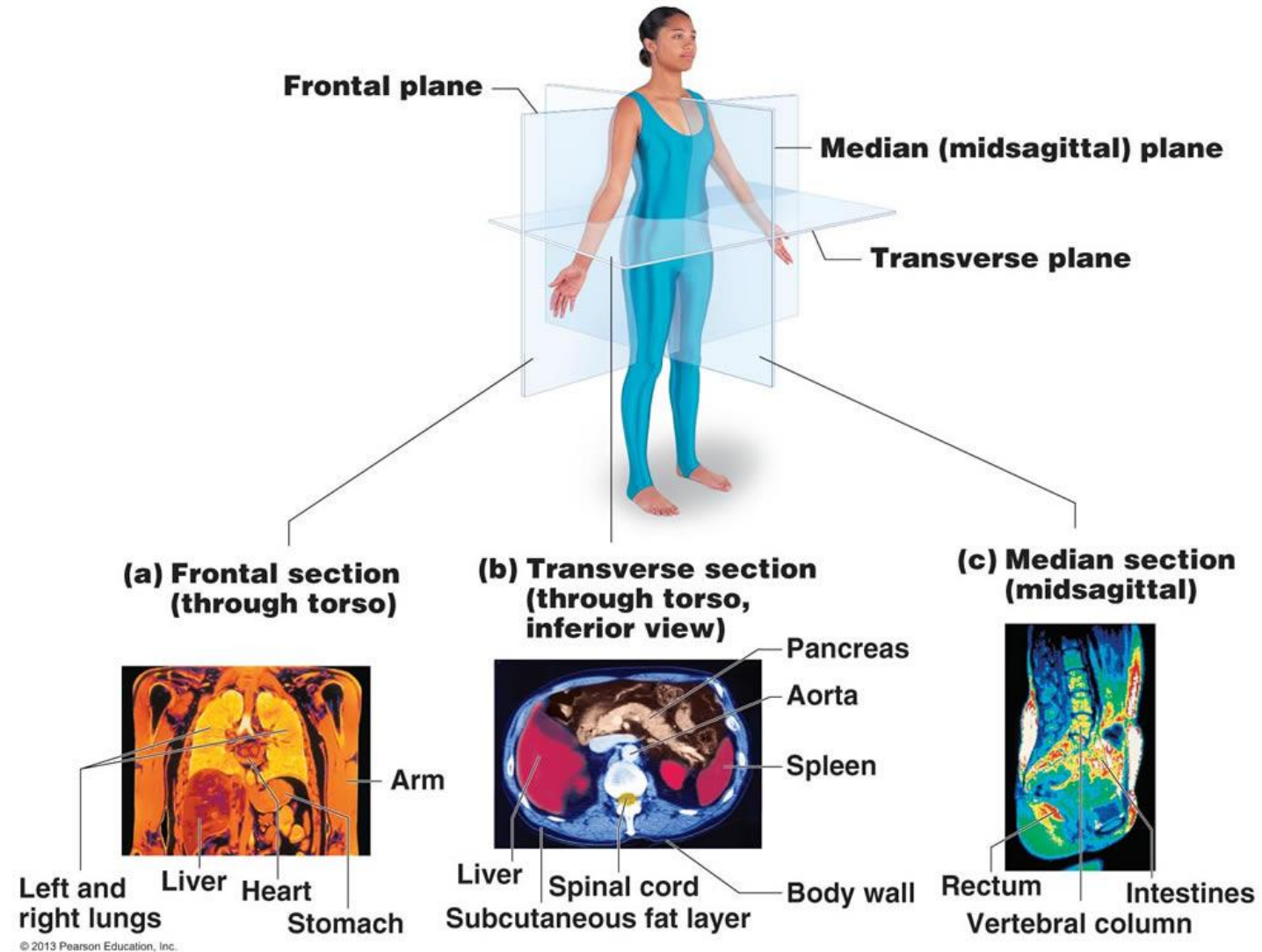


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Bidang anatomis

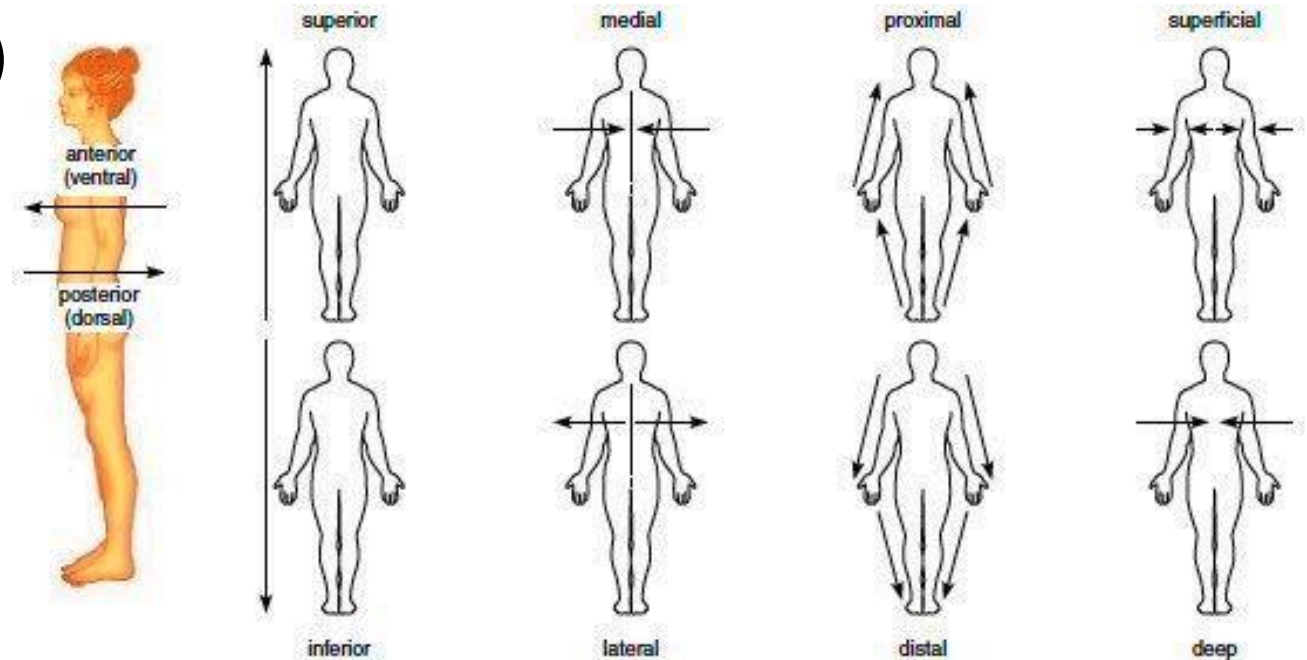
- Bidang yang digunakan untuk memotong tubuh manusia secara virtual
- Mendeskripsikan lokasi struktur tertentu
 - Coronal/Frontal
 - Sagittal/Medio-sagittal/Median
 - Transversal, horizontal





Istilah anatomis-1

- Anterior (ventral) >< Posterior (dorsal)
- Medial >< Lateral
- Superior >< Inferior
- Proximal >< Distal
- Cranial >< Caudal
- Superficial >< Deep/Profundus

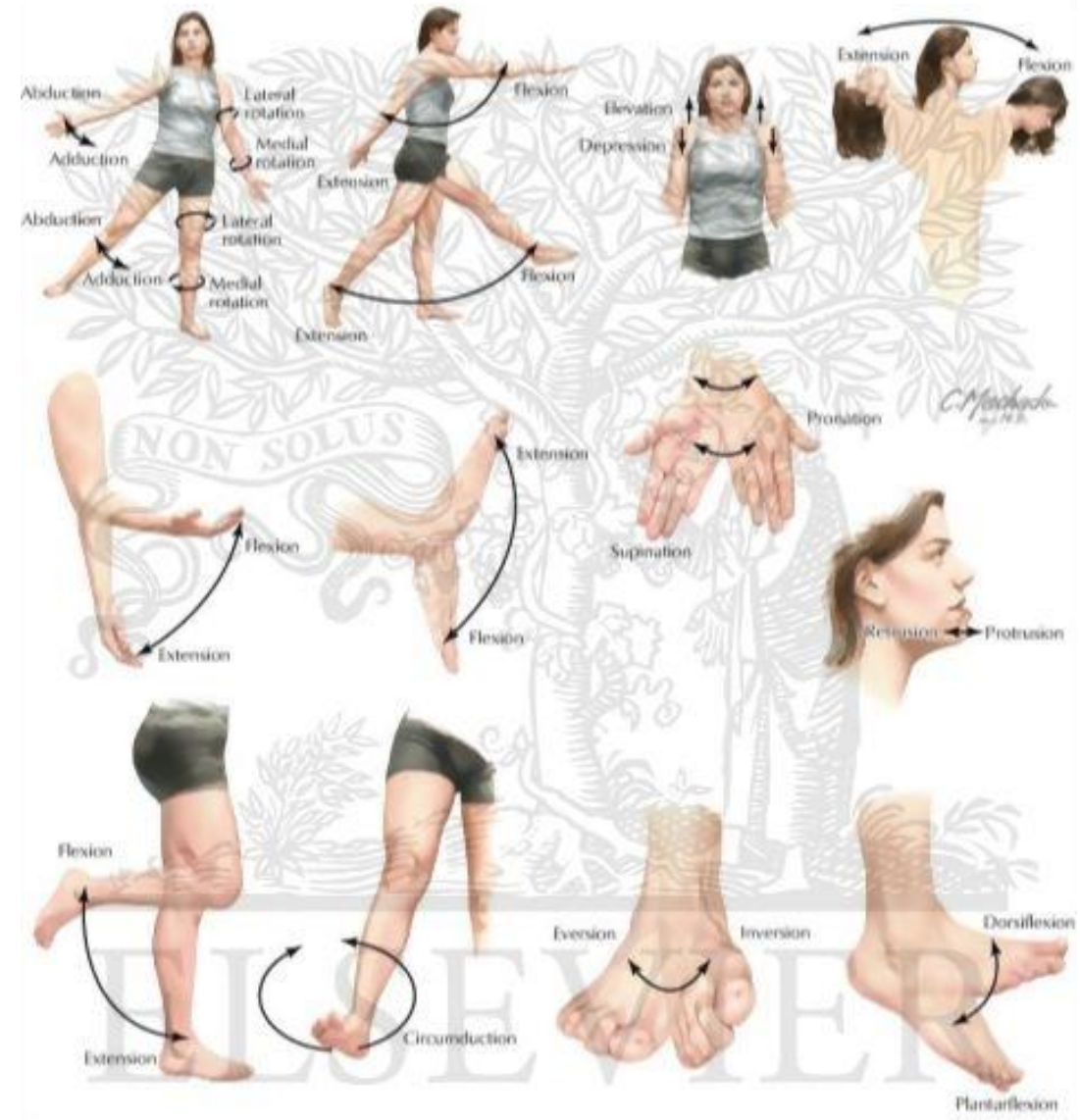


www.pinterest.com



Istilah anatomis-2

- Flexi >< Extensi
- Abduksi >< Adduksi
- Circumduksi, Rotasi
- Supinasi >< Pronasi
- Inversi >< Eversi
- Dorsoflexi >< Plantarflexi
- Protraksi >< Retraksi

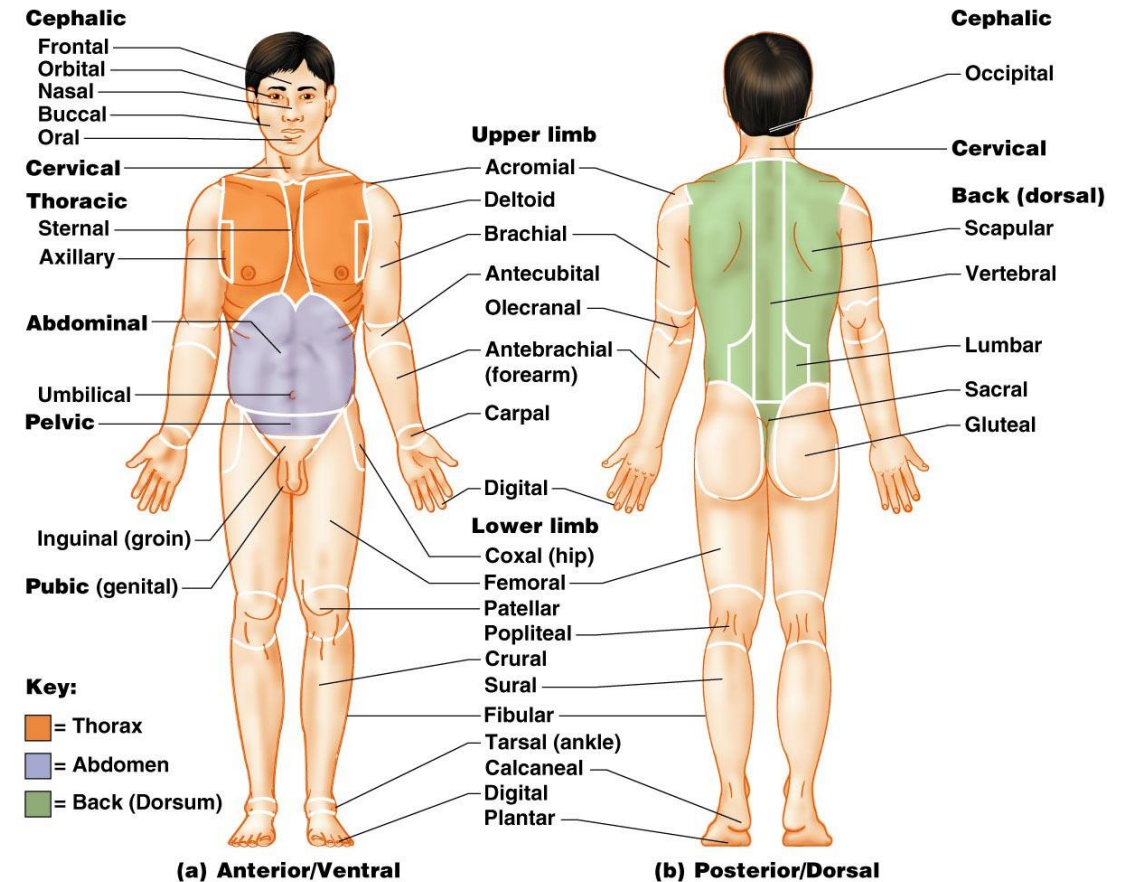


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Regio dalam anatomi

- Axial – Appendicular
 - Axial: Cephalic, cervical, thoracic, abdominal, pelvic
 - Appendicular: extremitas superior et inferior
 - Cingulum dan extremitas libera

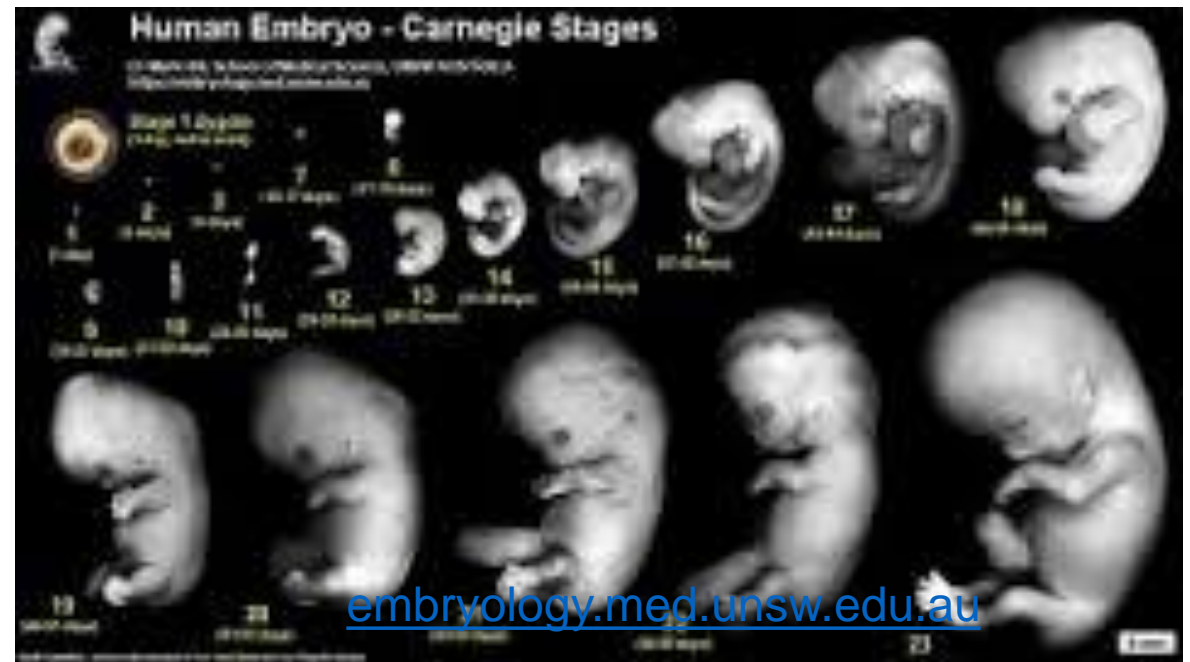


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Aplikasi anatomi

- Cabang Ilmu Anatomi
 - Embryologi
 - Anthropologi





Relasi dengan cabang ilmu lainnya

- Fisiologi
- Histologi
- Bedah
- Obstetri dan gynecologi
- Radiologi
- Rehabilitasi Medik
- etc



Refleksi pribadi

- Mengapa perlu belajar anatomi?
- Apa yang harus dipelajari dari anatomi?
- Bagaimana mengaplikasikan anatomi?



Referensi

- Basic Gray's Anatomy for Student