

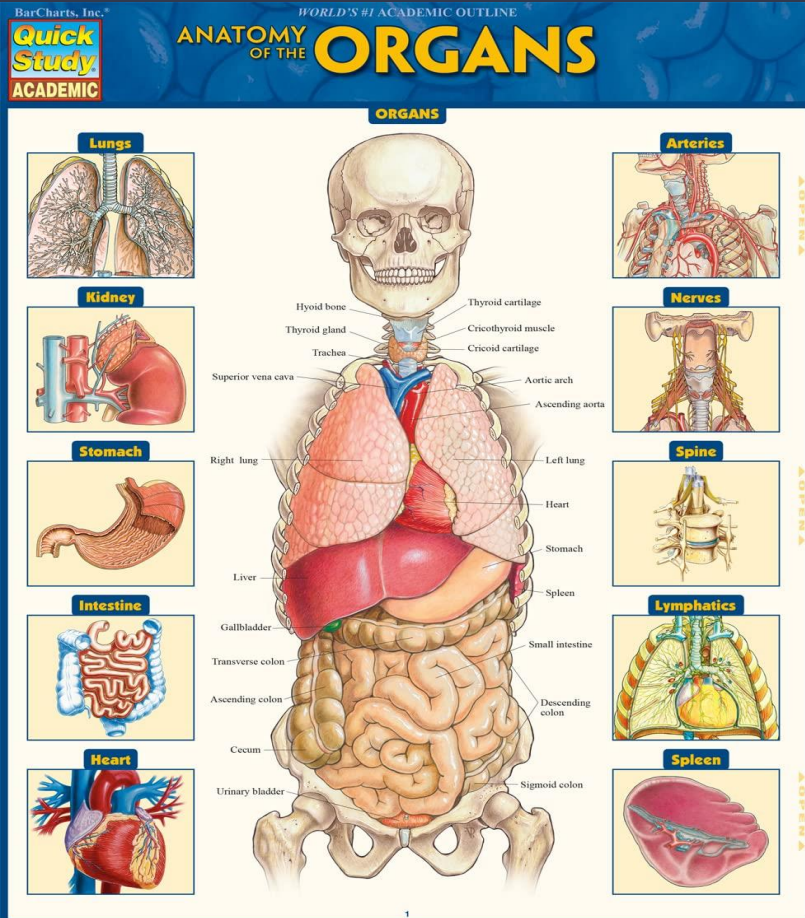
Global Education in Anatomy and Physiology During COVID-19: Lessons Learnt and Future Recommendations

**Sean Mahajan, Sneha Patel,
and Santanu De (Faculty Mentor)**

Purpose and Methods

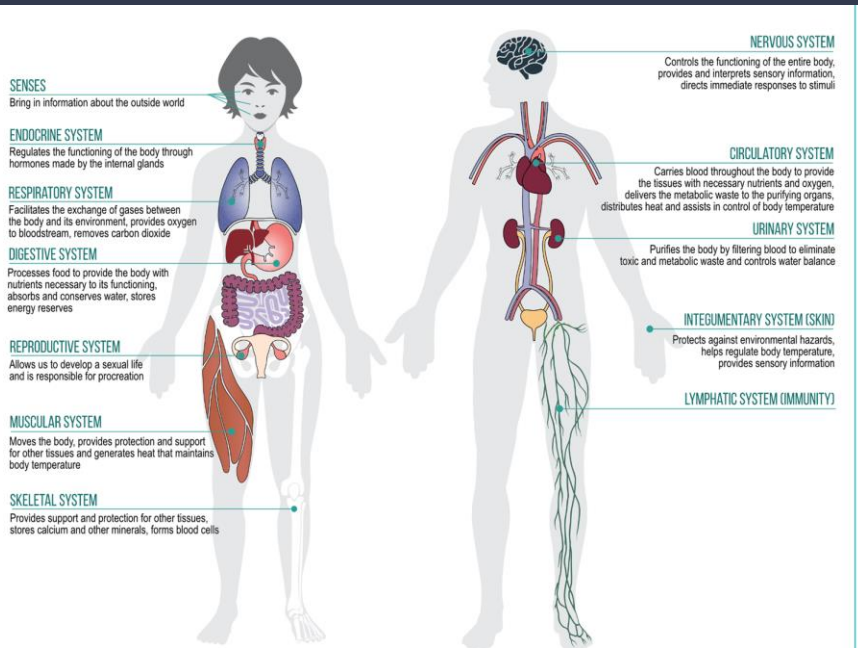
- Objective
 - Evaluate the impact of COVID-19 on Anatomy and Physiology education globally
 - Provide worldwide pandemic solutions and recommendations for the future of education
- Methods
 - This literature review was compiled through the utilization of Google Scholar and PubMed

Anatomy Education



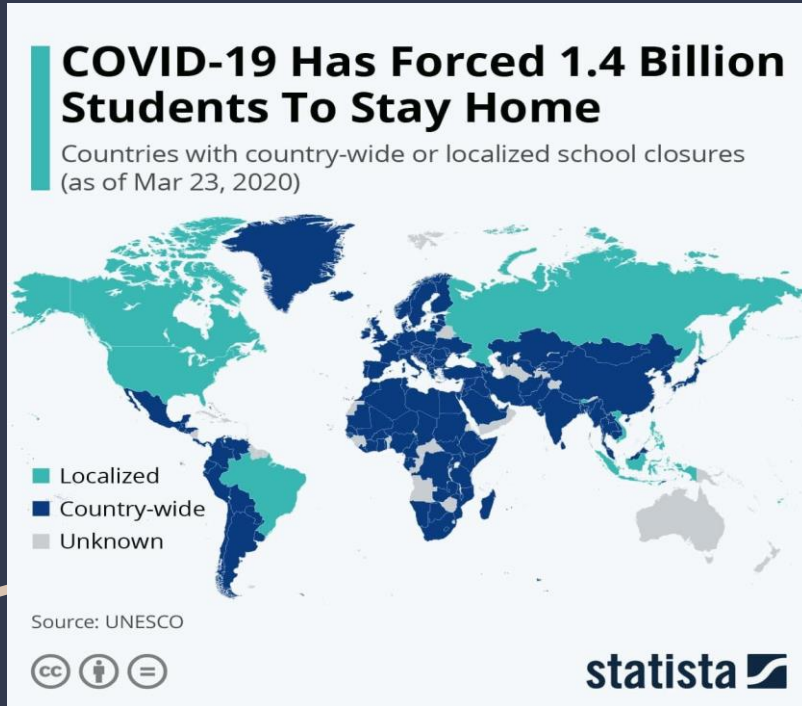
- Anatomy Distinction:
 - Cells, tissues, organs, & organ systems of human body
- Education:
 - Structures, histology, & locations in healthy body vs. diseases
- COVID-19:
 - Lack of physical interaction
 - Classrooms
 - Labs

Physiology Education



- Physiology Distinction:
 - Functionality of cells, tissues, organs, & organ systems
 - How these interact to maintain homeostasis
- Education:
 - Processes in healthy body vs. diagnosis & treatment of diseases
- COVID-19:
 - Lack of physical interaction
 - Classrooms
 - Labs

A&P Education During COVID-19: Countries Analyzed



- **Countries**

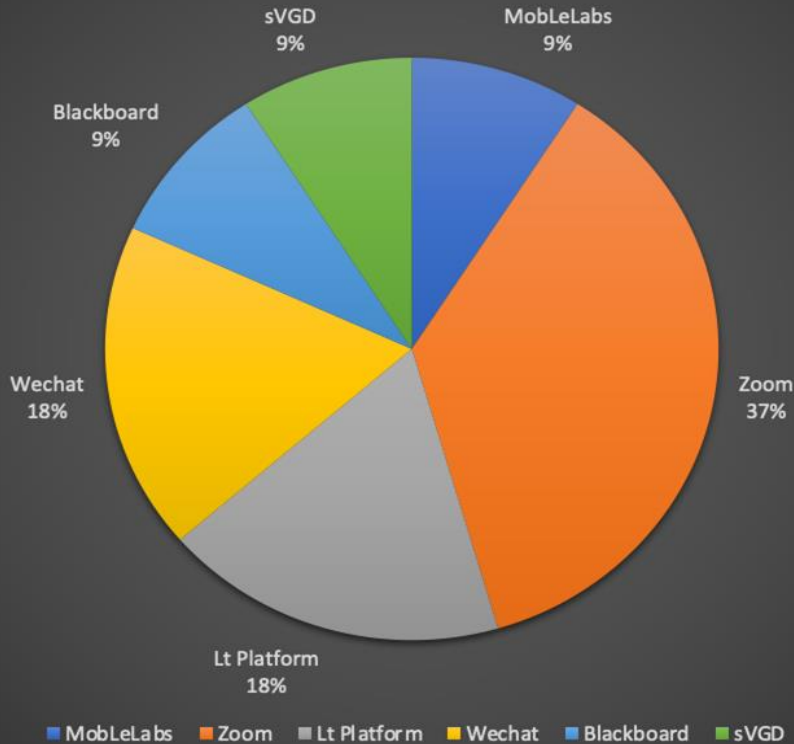
- Australia
- Bahrain
- Brazil
- China
- France
- Germany
- Iraq
- India
- Japan
- Jordan
- Pakistan
- Saudi Arabia
- South Africa
- South Korea
- Turkey
- Ukraine
- United States

A&P Education During COVID-19: Global Factors

- **Factors**
 - Poverty
 - Policies
 - Internet Access
 - Governmental Aid
 - Government and Institutional
Interconnection
 - Technology

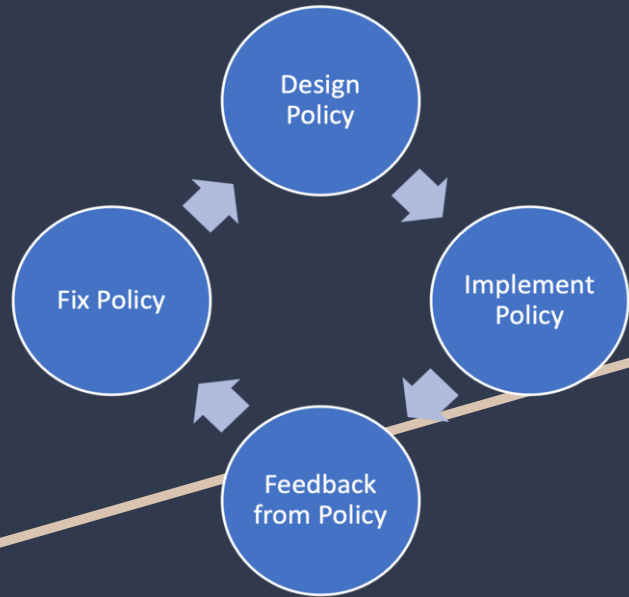
A&P Education: Online Platforms

Most utilized Learning Platform



- **Online Platforms** utilized to adapt to online education
 - MobLeLabs
 - Zoom Breakout Rooms
 - Lt Platform
 - WeChat Study Group
 - E-classes
 - Blackboard
 - sVGD
 - MCQ Platforms (3D Visuals)

A&P Education: COVID-19 Adaptations



- **Lessons Learned**

- Adapting Swiftly to Extenuating Circumstances
- Considering Underprivileged Population
- Collaboration of Institutions
- Organization of Material
- Importance of Online Platforms during times of Social Distancing in Education

Big-Picture Significance of the Study

- Analyzing Countries adapting Individually
- Identifying Pandemic Repercussions In Educational Institutions
- Highlighting the Emergence of Digitalization in Education
- Reinforcing Future Educational Changes in Times of Crisis

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Thank You