

Teaching medicine in pandemic times



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A basketball hoop and backboard are mounted on a stand against a dark blue background with a starry night sky. The hoop is positioned in the upper center of the frame. The backboard is a light-colored rectangular panel with a dark square in the center. The stand consists of several thin, dark legs. The text "2019 BC → 2020 AC" is overlaid in white, bold font across the middle of the image. A thin white vertical line is positioned to the left of the text.

2019 BC → 2020 AC



Lecture
theatre –
2019 BC



Community
teaching –
2019 BC

PM Announcement

"From midnight tonight the whole country is in lockdown. The lockdown will be for 21 days. There will be a total ban on coming out of your homes. All states and villages will be locked down. This is like a curfew."

Lockdown
announcement
– Covid-19

How does shutdown affect medical education

- Covid pandemic led to shutdown
- MBBS seats per year – 82000+
- Postgraduate seats per year – 42000+

CLASSROOM IN COVID TIMES

#AMIRCLICKS



Online shift

**MEDICAL EDUCATION UNIT
UCMS & GTB HOSPITAL, DELHI**

#AMDCON2021 HIMSR Delhi - Dr Amir Maroof Khan UCMS



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> J Educ Health Promot. 2021 Mar 31;10:99. doi: 10.4103/jehp.jehp_606_20. eCollection 2021.

Rapid transition to online teaching program during COVID-19 lockdown: Experience from a medical college of India

Amir Maroof Khan ¹, Somdatta Patra ¹, Piyush Gupta ², Arun Kumar Sharma ³, Anil K Jain ⁴

Affiliations + expand

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Free PMC article

Abstract

Background: COVID-19 pandemic has forced medical colleges around the world to shift to online teaching. There is hardly any evidence regarding such rapid transitions to online teaching, especially from resource-poor settings. We share our experience of developing an online teaching program based on teachers' and students' feedback.

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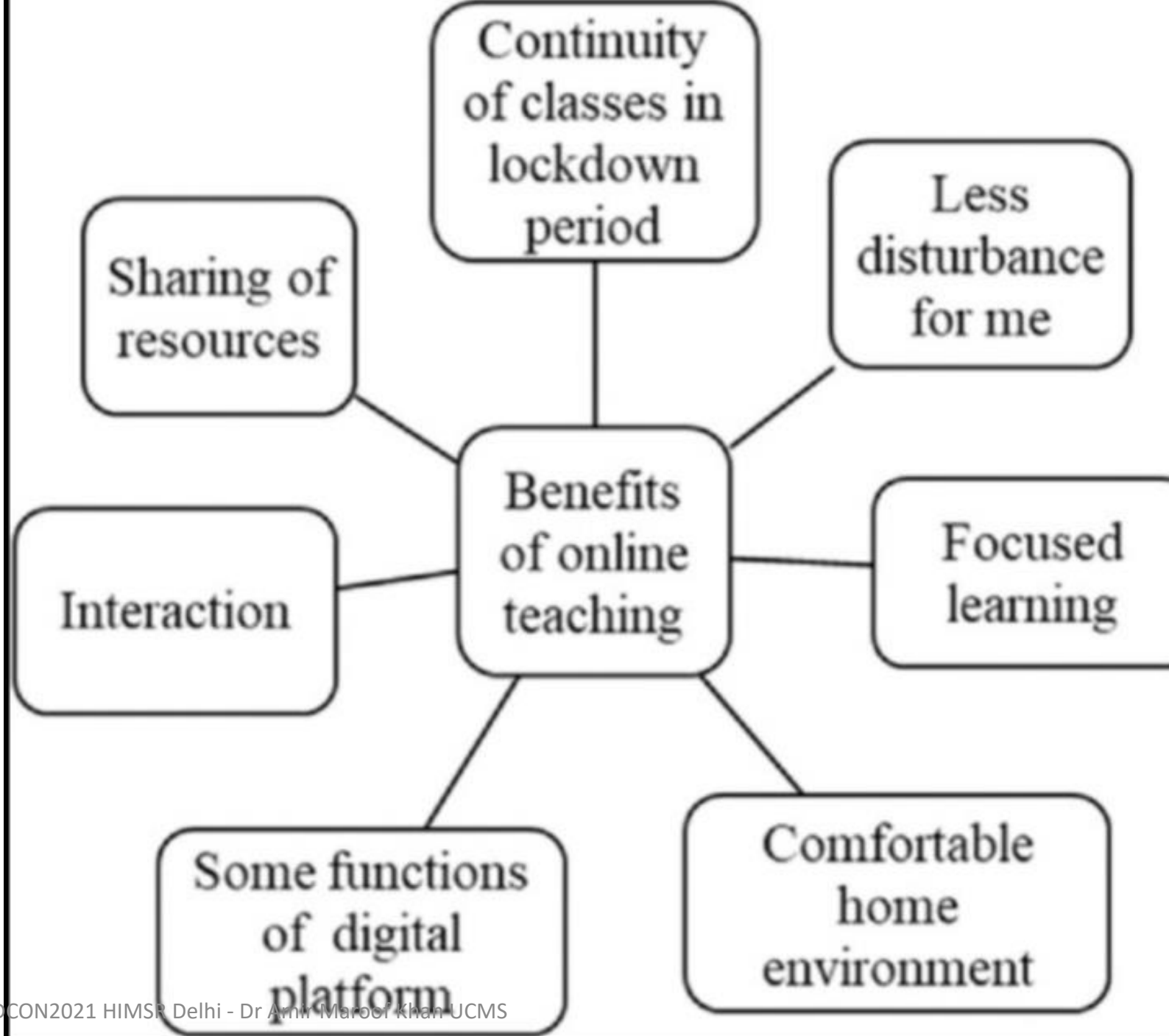


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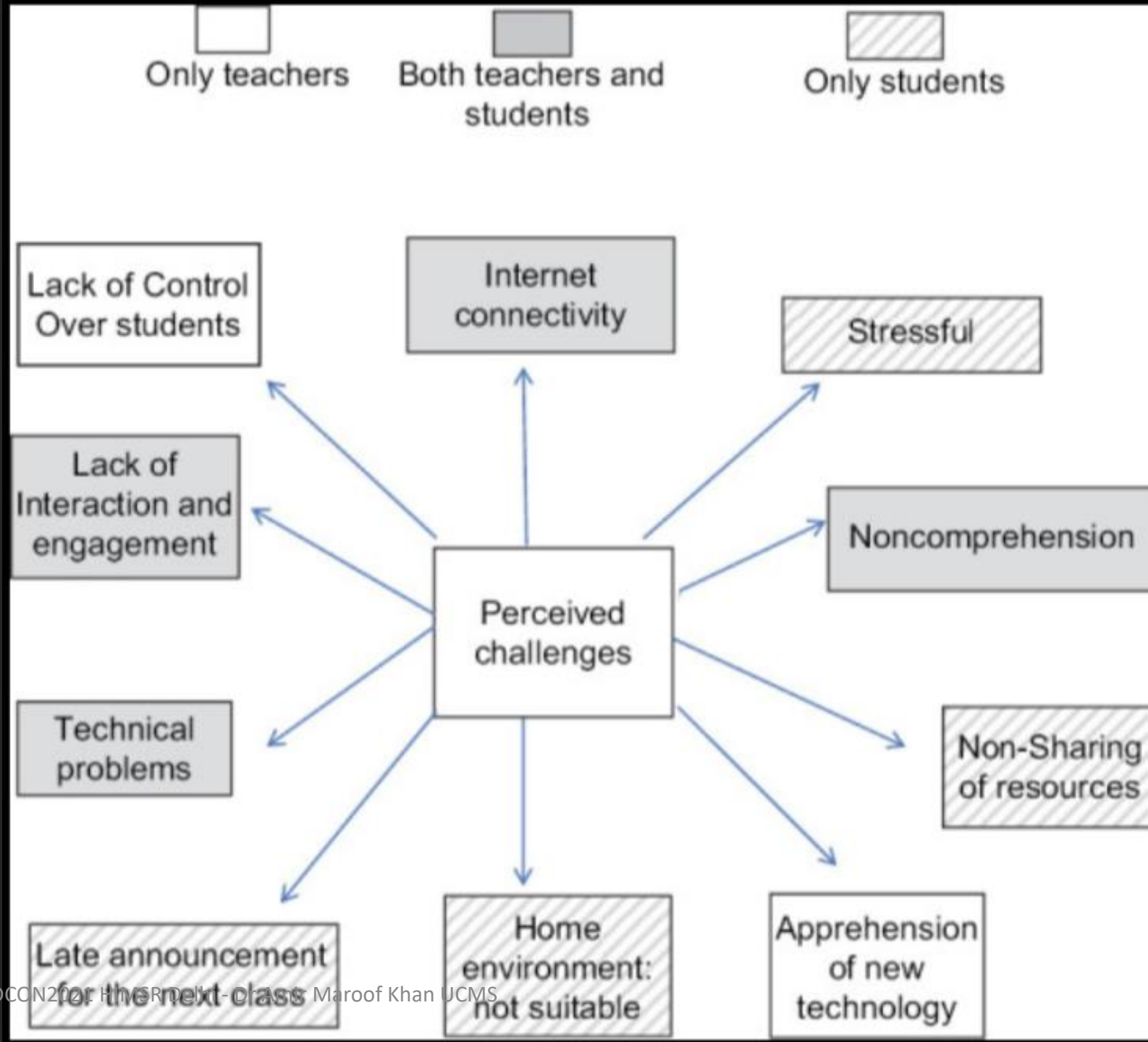
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Rapid transition to online teaching program

Benefits of online teaching - students



Challenges – online teaching – teachers/students



***”Failure to create
a classroom
climate of
control” (teacher).***

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> Med J Armed Forces India. 2021 Feb;77(Suppl 1):S161-S167. doi: 10.1016/j.mjafi.2020.12.030.
Epub 2021 Feb 2.

Rapid transition to online practical classes in preclinical subjects during COVID-19: Experience from a medical college in North India

Amir Maroof Khan ¹, Somdatta Patra ², Neelam Vaney ³, Mohit Mehndiratta ⁴, Renu Chauhan ⁵

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Abstract

Background: COVID-19 pandemic compelled medical schools to opt for online mode in medical education. The competency-based curriculum started in India last year onwards allotted more hours to practical teaching than lectures. As the lockdown extended, there was a need to shift laboratory teaching to online mode. We describe our experience of developing and implementing a framework to rapidly shift practical lab teaching of preclinical subjects to online mode.



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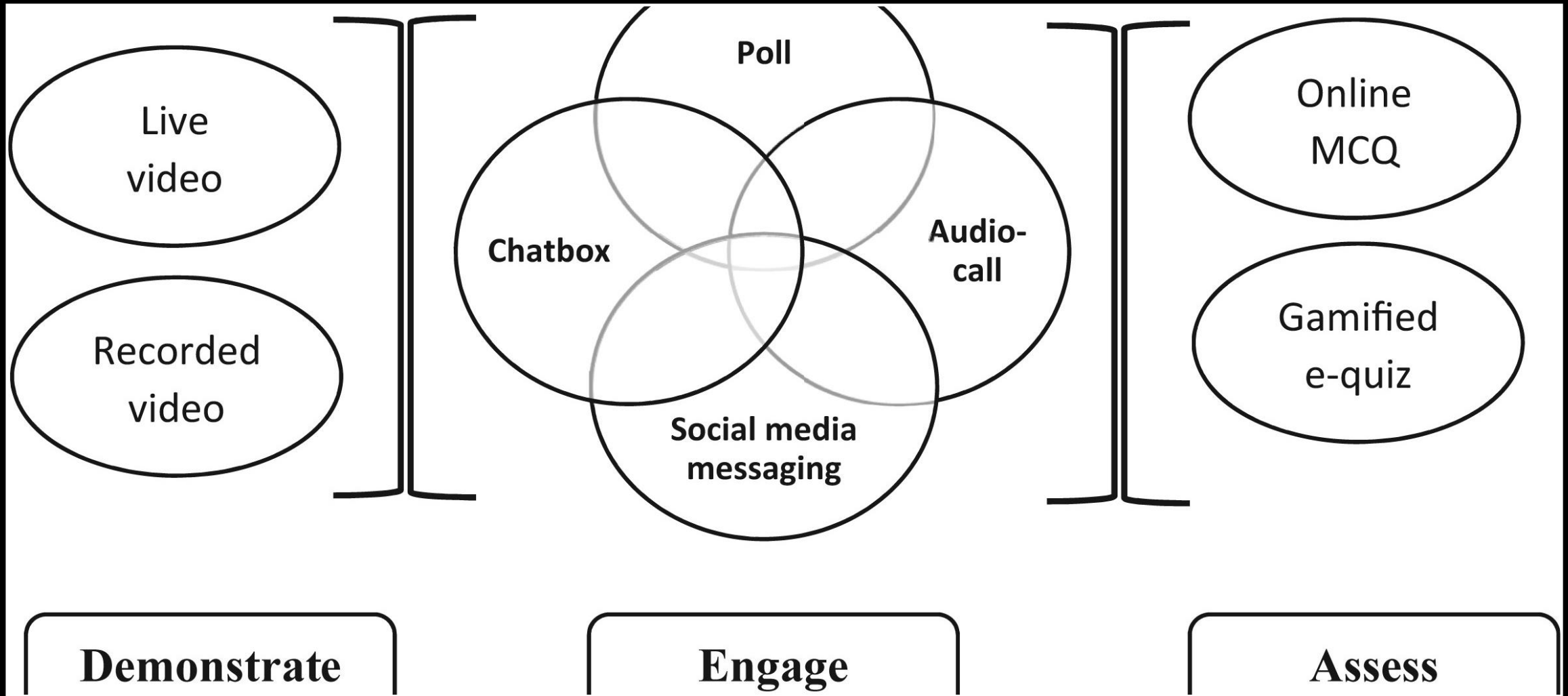
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DEAPP
model for
preclinical
subjects



Demonstrate-Engage-Assess framework for online Practical teaching of Preclinical subjects (DEAPP)

Clinical training – during pandemic

Bedside teaching should continue

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graph TD; A[Bedside teaching should continue] --> B[Standardized patients]; B --> C[Skill labs with manekins]; C --> D[Simulations – High fidelity and low fidelity];
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Standardized patients

Skill labs with manekins

Simulations – High fidelity and low fidelity



Simulated
patient

Covid-19 patient management training



Preparing videos for Covid training

COVID-19 skill training – GTBH and UCMS



Covid - Skill Training of healthcare workers, 5th July '21 onwards UCMS and GTB Hospital, Delhi



CAUSE OF DEATH WEBINAR



Danger –
Webinar
toxicity

Lessons learnt

Do not convert teaching hospitals into COVID dedicated hospitals.

Non-teaching hospitals can be converted to CDH

Students will have to be proactive and highly self motivated

Teachers need to be hopeful and innovative

Medical college administrators should provide support

Patients must cooperate in the learning of the medical students

Striving to Excel in Medical Education.

<https://medicaleducationucms.weebly.com>



Appeal to government

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