

# SHAPING THE FUTURE OF DENTAL EDUCATION - KEYPOINTS:

## THE IMPACT OF NEW TECHNOLOGIES ON TRADITIONAL DENTAL EDUCATION

May 8, 2017, 14:00-17:00

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## DEFINITIONS: DIDACTIC vs. LEARNING

### SIMILARITIES AMONG ALL SETTINGS (LEARNING, PRECLINICAL, CLINICAL, TELEHEALTH)

“Newer student generations are used to having access to massive amount of information and quite demanding of getting swift and precise answers.

We think the future should shift towards a “**personalized learning experience**”, where virtual reality will allow exposure to various complicated scenarios, which otherwise could not be handled in real-life, hence the utility of VR usage, in both preclinical and clinical patient care.” - Blue Team



# ~~Didactic~~ LEARNING

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**Social Media**

**Curriculum mapping (assessment, integration)**

**Gamification**

**Using technology for faculty feedback**

**Lecture  
Capture**



**Simulcasting**



**Student  
Response  
Systems**



**Laptops  
Tablets**



**Exam  
Software**



# Preclinical

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Simulation  
Models



Haptic  
Technology



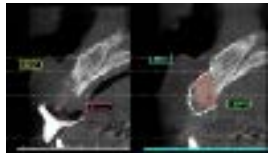
Virtual  
Patients



**Emotional simulator  
(enhance social competence)  
Showrooms for patients  
Robotics  
Big data - collect and analyze  
Artificial intelligence  
Podcasts  
Progressive learning**

# Patient Care

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**Patient's perspective - showrooms**

**Data analytics - big data**

**3D technologies**

**Using video and audio for feedback**

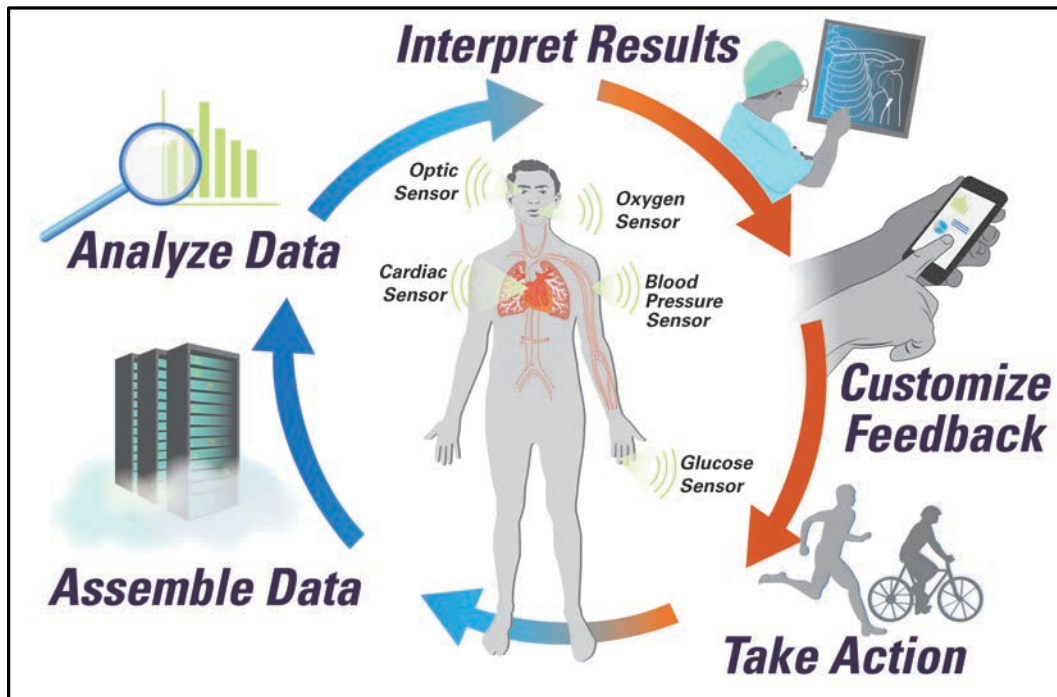
**Voice operating systems**

**Integration of medical and dental records**

# Telehealth

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Advanced collection health systems  
Robotics for long distance procedures  
Big data analysis (access and cost)  
Holograms for patients





**Thank you!**