



California Health Sciences University

CHSU SIMULATION CENTER AND PROGRAM

STUDENT HOLOLENS/BUTTERFLY USAGE POLICY & PROCEDURE

#350.16

I. PURPOSE

- A. The Purpose of the policy is to provide guidance on devices required for class and/or learning in simulation experiences.

II. SCOPE

- A. The policy is designed for CHSU students engaged in courses at the College of Osteopathic Medicine.

III. POLICY STATEMENT

- A. All students will comply with these CHSU policies:
[CHSU Acceptable Use of Technology Policy for Student](#)
- B. It is important that CHSU students ensure patient confidentiality and comply with the [Health Insurance Portability and Accountability Act](#) when functioning in the patient care setting. Students will not use technology devices, specifically the ButterflyIQ and HoloLens, in clinical sites without explicit permission from their preceptor and the CHSU-COM Office of Clinical Education.
- C. Should a student not have the appropriate device for a class, the Course Director will decide how it affects the student's grade for that course.
- D. The Simulation Specialist, Mixed Reality will work with the student for device replacement, charging and/or loan for a class period. This policy does not include laptops, mobile phones, tablets, or other IT devices required by CHSU.
- E. The Simulation Center may loan a device on a per class basis if available and while waiting for a replacement or repair that has been ordered through the Simulation Specialist Mixed Reality. The device must be returned at the end of the class period and in the same working order in which it was received.
- F. Repeat loaners may be available with proof of replacement order or repair through the Simulation Specialist Mixed Reality.
- G. Borrowing of devices is strongly discouraged.



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- H. The following may be circumstances where device may be loaned to a student:
- *The Device is Broken, Needs Repair or Replacement:*
The student must replace the damaged device by ordering a replacement.
 - *Lost Device:*
The student must replace the lost device by ordering a replacement.
 - *Non-Operational Device:*
The student must make the device operational by the next class period (e.g., battery not charged in the HoloLens).
 - *Student Forgot to Bring Device:*
The student must attend class and make arrangements to find a device either with the Simulation Specialist, Mixed Reality or borrow from another student not in the same class period.
 - A borrowed device from another student must be disinfected before and after use per the care instructions. The borrowing student is responsible for safely using the device.
- I. Students must apply security, software, and firmware updates to updatable devices and software, e.g., HoloLens and ButterflyIQ devices, when they become available. The Simulation Specialist, Mixed Reality will provide email notification of updates to students.

IV. DEFINITIONS

HoloLens: Microsoft HoloLens v2, augmented reality (AR) device.

ButterflyIQ: Butterfly IQ hand-held ultrasound for use with mobile phones and tablets.

V. PROCEDURES

- A. In the event a student must purchase replacement device, it must be sufficient to perform tasks of the original device, e.g., same model.
- B. HoloLens and Butterfly IQ can only be obtained through the Simulation Center that has a contract with the vendor. The student must work with the Simulation Specialist- Mixed Reality to secure these devices and pay the quoted price from the vendor.
- C. If device software, security, or firmware updates are not automatically applied by built in software patching mechanism, the student must immediately request assistance from the Simulation Specialist, Mixed Reality.



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VI. RESPONSIBILITY

Simulation Center Director and staff, CHSU faculty and CHSU students are responsible to uphold and follow this policy.

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- Policy Owner: Simulation Center Director
 - Effective Date: 6/16/2020
 - Approval by Provost Date: 6/24/2020
 - Approval by the President Date: 6/29/2020