

I'd like to show a  
vision of the  
future ...

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... a future  
that isn't too  
far away.

# The Near Future



A patient arrives at his physician's office for a visit ...

**Community  
Physicians  
Group**



Where a camera  
in the waiting  
room ...



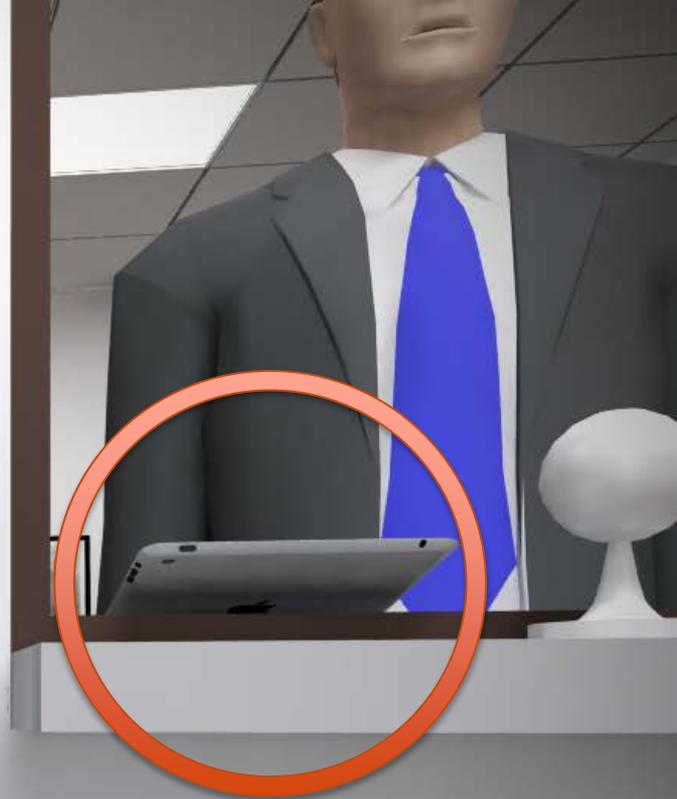
Uses facial recognition to identify the patient ...



And instantly checks him in. His records are automatically retrieved.



Updated information can be directly entered by the patient using a tablet.



Community  
Practitioners  
Group

Temperature:  
Video camera

Height:  
Video camera

As the patient walks into an exam room, sensors embedded in the floor measure his weight. Cameras mounted on the wall measure the patient's height and body temperature. All of this information is automatically transmitted to his EHR.

Weight:  
Embedded floor sensors

Exam 1



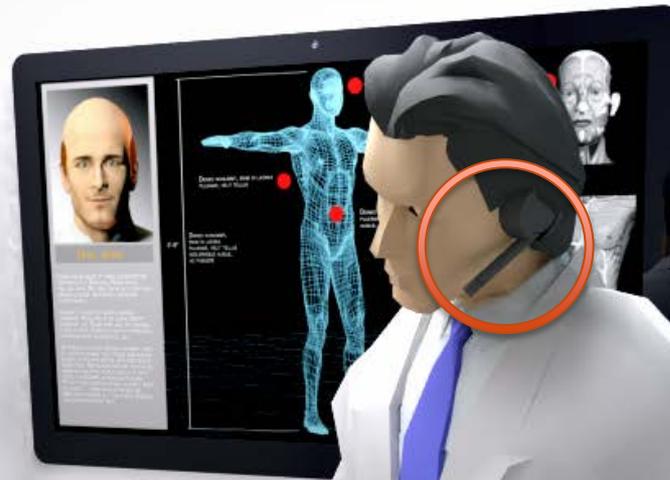
Upon entering the exam room, sensors embedded in the door handle take the patient's heart rate and blood pressure, then update his medical record.

Heart rate:  
Door handle sensor

Blood pressure:  
Door handle sensor



The physician enters the exam room where the patient's EHR has been automatically called up on a large touch screen. The physician uses speech recognition to capture his exam notes, orders directly into the practice's EHR system.





The physician discusses treatment options with the patient and reconciles his medications. The system automatically checks for drug interactions. The physician then ePrescribes an order to the patient's pharmacy.



Patient education information is then automatically displayed. After a discussion between the physician and patient, the information is transmitted to the patient through encrypted email.

The encounter ends with the physician reviewing the chart and using fingerprint sensor to sign off.



DOE, JOHN

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5'-9"

DONEC NONUMMY, ENIM IN LACINIA PULVINAR, VELIT TELLUS

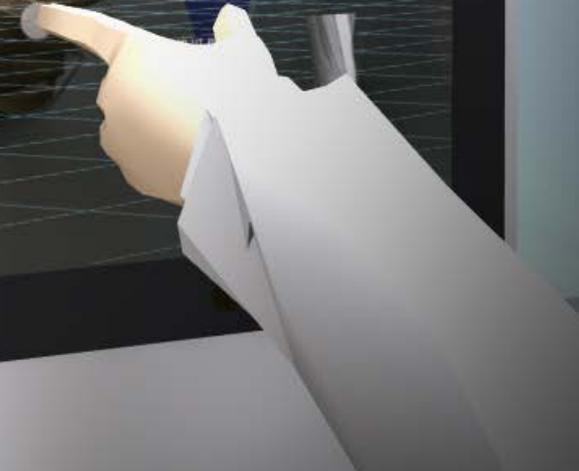
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DONEC NONUMMY, ENIM IN LACINIA PULVINAR, VELIT TELLUS SCOLERISQUE AUGUR, AC POSUIERE

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UT TRINDUNT TORTOR. DONEC NONUMMY, ENIM IN LACINIA PULVINAR, VELIT TELLUS SCOLERISQUE AUGUR, AC POSUIERE LIBERO URINA EGET NEQUE. CRAS IPUM. VESTIBULUM PRETIUM, LECTUS NEO YEMINATIS VOUTRIT, PURUS LECTUS ULTRICES RIBUS, A CONDIEMENTUM RIBUS MI ET QUAM.

Fingerprint Sign



This is the future  
NCCD is helping to  
build today — thanks  
to visionary leaders  
and the good work of  
SHARP-C.

# SHARPC NCCD



*Department of Veteran Affairs*  
*Palo Alto Health Care System*