

Building Smart Games That Challenge Students with Clinical Cases

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Arcade Entry #35

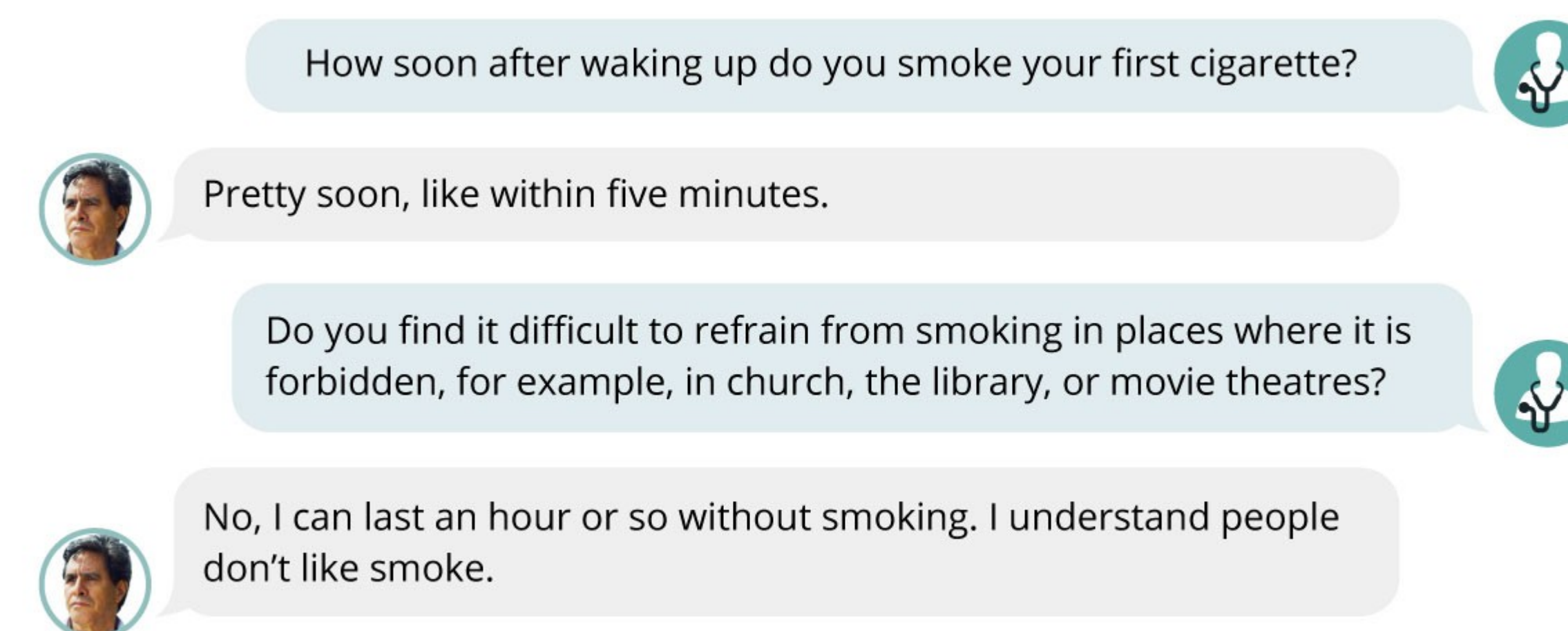
Faculty (or Students) BUILD PATIENT CASES

The screenshot shows a digital patient record interface. At the top, it displays patient information for John Davis, born 9/7/1959, with no known drug allergies. Below this, vital signs are listed: BP: 105/75, Pulse: 93, Resp: 12/min, Temp: 98.7°F, BMI: 18.9 kg/m². A sidebar on the left contains navigation options: EVALUATION, DIAGNOSIS, TREATMENT, SUMMARY, and OBJECTIVES. The main area is titled 'PATIENT INFO' and includes tabs for Personal Info, History, Meds, Labs, Dialogue, and Post Quiz. Under 'Personal Info', fields include Date of Birth (09/07/1959, Age: 57 years), Gender (Male), Fluent in English? (Yes), and Occupation (Owns Rapid Copy Center). A 'Disabilities' field is set to 'None'. An 'Additional Information' field contains the text: 'Chronic cough "mostly in the morning."'

- ♦Simplified EHR format for data entry
- ♦Use template cases or build from scratch
- ♦Includes typical clinical encounter steps
- ♦Add clinical challenges for the student
- ♦Provide feedback on students' choices
- ♦Upload and share your case
- ♦Use on the web or through mobile app

Students USE CLINICAL ENCOUNTER

♦Review case information and patient-provider dialogue



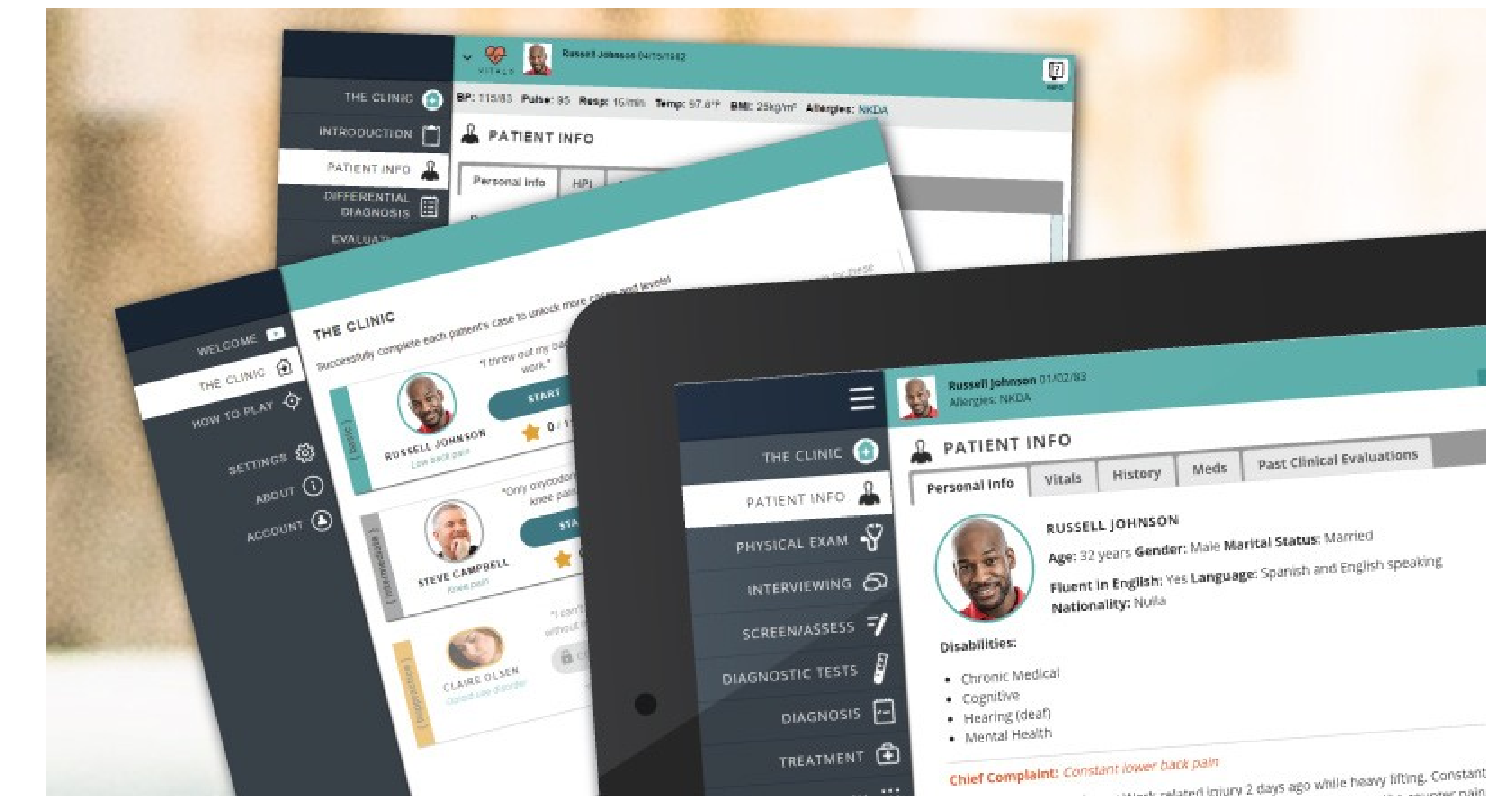
♦Make clinical decisions

♦Choose screening instruments, lab tests

The screenshot shows the 'EVALUATION' section of the interface. It has four tabs: Physical Exam, Screen/Assess, Medical Tests, and Focused Dialogue. Below the tabs, there are instructions: 'INSTRUCTIONS: Select all medical tests you would like to order. Click Submit to view results.' Under the 'Blood tests' section, there are two options: 'CBC and metabolic panel' (which is selected with a checkmark) and 'No blood tests indicated' (which is not selected).

- ♦See outcomes of clinical decisions
- ♦Replay with different options

Project OBJECTIVES



- ♦Ease creation of interactive clinical cases
- ♦Retain high-quality presentation
- ♦Enhance student learning engagement
- ♦Promote patient interaction
- ♦Increase learning through:
 - ♦Case creation by faculty or students
 - ♦Case exchange
 - ♦Review of cases by others

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Learn More: ClinicalTools.com or email: feedback@clinicaltools.com