**Virtual Human**

**1. Complete the text by translating the words in italics into English**

https://www.chatbots.org/virtual\_human/

[Virtual Humans](https://www.chatbots.org/virtual_human) are automated agents that converse, understand, *razonan y exhiben* **reason and exhibit** emotions. They possess a three-dimensional body and *ejecutan tareas* **perform tasks** through natural language-style dialogs with humans.

Virtual Humans are capable of *oír, comprender, responder* **hearing, understanding, responding** and they are able to track the behavior of humans, because they see humans’ movement in infrared cameras. Virtual Humans also process and respond to human emotions, *que son esenciales* **which are essential** in communication processes.

**Some medical applications**

[The Virtual Humans Project](http://ict.usc.edu/projects/virtual_humans) from [University of Southern California (USC)](https://www.chatbots.org/university/university_of_southern_california/) offers an exciting and powerful potential initiative for extensive interactive experiences. They may provide a *potente herramienta* **powerful tool** for assessment, intervention, and *entrenamiento* **training** for medical professionals. The [Virtual Patient](http://ict.usc.edu/projects/virtual_patient/C40) technology *ha evolucionado* **has evolved** to the point where researchers might use virtual reality patients to develop interviewing and diagnostics skills of clinicians in training. Virtual Patient allows *a los médicos clínicos en salud mental noveles* *dirigir una* *entrevista con un personaje virtual* **novice mental health clinicians to conduct an interview with a virtual character** that emulates an adolescent male with conduct. This video provides a demonstration of a virtual human being interviewed by a human:

Video: Virtual Patient Clinician Interviews

[Standardized Patients](http://www.rti.org/page.cfm?objectid=5D57F7E2-42F8-4DF2-9EE294BAD04A2BA1) are quite common at many U.S. medical schools to assess students’ communication and diagnostic skills, *que son cruciales para el cuidado del paciente de calidad* **which are crucial to quality patient care**. Students encounter patients with progressively more difficult medical conditions, and feedback is given on their performance. [Sim-Patient](http://www.rti.org/page.cfm?objectid=082F95C4-2F80-42A6-B132EB3FE8EA4C99) (*abreviatura de paciente simulado* **abbreviation for “simulated patient”**) uses high-fidelity scenarios to improve pre-hospital, primary, and emergency care *destacando la educación médica basada en problemas* **by** **enhancing problem-based medical education,** training, and practice. Sim-Patient platform, uses interactive 3-D [avatars](https://www.chatbots.org/avatar) to train health care providers for pre-hospital care used by military personnel, first responders and paramedics during combat or large-scale disasters.

The Virtual Physiological Human (VPH) project, an EU-funded health research, creates a constantly expanding knowledge database, which will be used to develop better *tratamiento y diagnóstico del paciente* **patient diagnosis and treatment**. This ‘personalised healthcare framework’ allows a wide range of *médicos, científicos e investigadores* **doctors, scientists and researchers** to virtually investigate the human body as a single complex organism. This will improve our ability to predict, diagnose and *tratar la enfermedad* **treat disease**, and has *un impacto espectacular sobre el futuro de la asistencia sanitaria* **a dramatic impact on the future of healthcare**, the pharmaceutical and medical device industries.

**2**. **Video**  Virtual Patient Clinician Interviews.**: Complete the script with the missing words.** 1:57-3:19

https://www.youtube.com/watch?time\_continue=146&v=91zdrNL-HDU

˗ My name is Dr. Moore Barack.

˗ Hello.

˗ How are you today?

˗ OK

˗ What **brings** you into the office today?

˗ It has been suggested that I come here.

˗ Did something happen to make people **worry**?

˗ Something terrible happened.

˗ Can you tell me about it?

˗ The first truck went by, then our truck got hit by an ID\*. It **blew** apart right away. Taylor took the majority of the explosion. I got **thrown** off the truck.

˗ What else happened in the truck?

˗ There was an explosion, then gunfire. That's all I remember.

˗ Any feeling about what happened?

˗ Feelings...yeah. **Scared and angry**.

˗ This must have been difficult for you.

˗ Yeah. It still is.

˗ Did you get physically **hurt** during the attack?

˗ I got it, in the leg.

˗ What did you do after you got **shot**?

˗ I tried to run for cover, I didn't even know I was **hit**.

˗ Do you feel that your future will be different now that this event has happened?

˗ Yes, it's strange but I can't **imagine** my future any more since the attack in deployment.

˗ Is there anything else you wanna tell me?

˗ I just wanted to **go away**.

**\*ID:** improvised device, **IED:** improvised explosive device