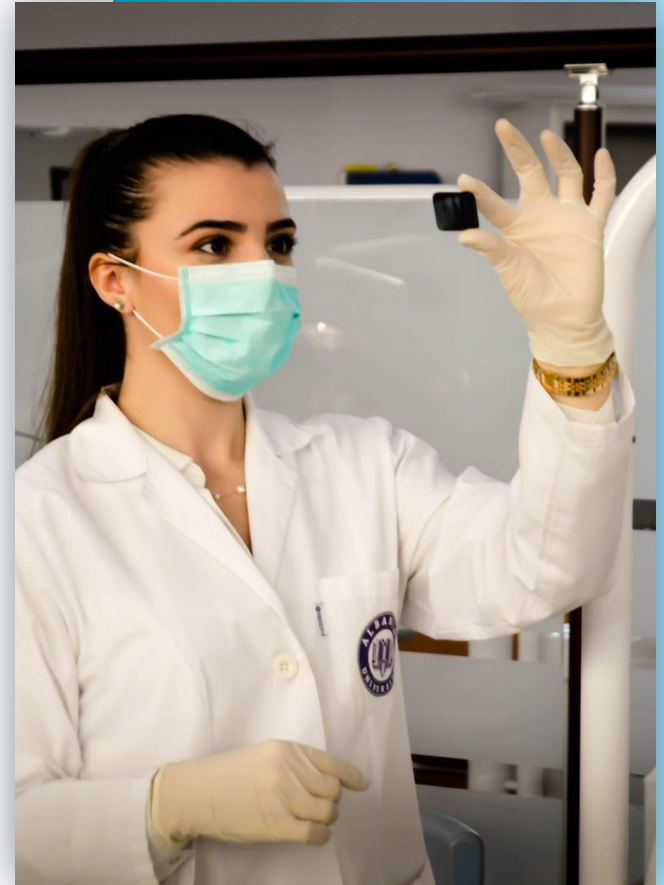




Shoe Design Challenge

Help!

In this presentation, you will find 7 patients who need our help to live a better life! We must convince their insurance company to pay for their new medical shoes!



Pick 1 Patient you are interested in helping. Remember there are 7 patients we need to help! You only have to choose 1.

Patient 1:

Ms. Diana Ludwig

Ms. Diana is a long time **diabetic**. She lives by herself and recently her condition has gotten worse. She needs a specialized shoes to help her continue living independently.



Patient 2: Major John Davidson

Major Davidson is a retired Air Force veteran who served in Operation Enduring Freedom in Afghanistan. While overseas, a hand grenade exploded and **shards of metal entered his foot**. Surgery is too risky, but he is in continuous pain. He is hoping a specialized shoe can help.



Patient Charlotte

3:

Charlotte is 2 years old. She wants to play and run with her big brother, but her **clubfoot** is causing her great difficulty. Her parents are hoping a new medical shoe could help.



Patient Valerie

4:

Valerie is a busy mom of four. She loves taking her kids to practice and playing with them, but here lately, her **drop foot** has been slowing her down. Her husband thinks a new shoe may help her out.



Patient 5: Jake Watson

Jake has recently had 4 **toes amputated** due to a dirt bike accident. His toe loss is causing a loss of balance which is hindering him on the soccer field. His parents are hoping a special shoe can help.



Patient 6: Bella Ling

Bella is a normal 6 year old, but her pediatrician is concerned that she **walks on her toes**. Dr. Chase is recommending she tries a pair of shoes to help.



Patient 7: Bill Jones

Mr. Jones was recently diagnosed with **dementia**. His family is seeking a biomedical engineer to design a pair of shoes that can track his location to make sure he is safe.

