DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAAVY STENT

Question 1: How does bioimpedance work?

Question 2: What is the exact scope of the project? Just the wireless receiver?

Team Name: Woundcare

Question 1: Does Brownville have a particularly bad diabetes problem?

Question 2: How would you transcend "cultural & economic barriers"?

Team Name: Neonates

Question 1: How would proper electrode contact be ensured?

Question 2: Is it reasonable to assume that it could be implemented in low resource settings?

Team Name: Outstanding

Question 1: How can you be sure that it will be easy to use? SUS?

Question 2: How will regulatory standards be ensured?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy Stent

Question 1:
Survivor of an atomic bomb by how close to the detonation? this seems like a misleading statistic.

Question 2:
IS EVAR the only solution, or is surgery to remove the affected piece of the artery still an option (it was 20 years ago) You make it sound like EVAR is the only option.

Team Name: Woundcare

Question 1: How will you stimulate so many wounds?

Question 2: Will the patients take the ~~[illegible]~~ simulator home or only see it while they're at the hospital / will that be more effective than nurse training?

Team Name: Neonates

Question 1: Will the device ever be compatible for babies over 28 days old?

Question 2: How will you clean the device so consumables aren't required? → Is alcohol available?

Team Name: reviVe

Question 1:

Question 2:

Team Name: outstenting

Question 1: Age of children requiring this procedure / is it mainly males? (No pics of females)

Question 2:
Would it be possible to remove the blockage with different wave lengths? (Bypass the need for a stent entirely)

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Wonder Women

Question 1:

What will market size be considering <$200 price instead of willingness to pay?

Question 2:

What sort of specificity in dynamic are you looking for? i.e. will wounds show growing smaller with successful treatment? How do you measure treatment?

In the future, please say "patients with diabetes" and "have diabetes" instead of "diabetic"

Team Name: Neonates

Question 1:

Are there any constraints in product distribution? Or will distributing to hospitals work well?

Question 2:

I understand that the environment has constraints, but how/where are you going to address those in the design that distinguishes this from EEG? Is it just battery + size?

Team Name: Team RevIVe

Question 1:

Continuous rate? With how much specificity? /s? /min?

Question 2:

What problems does delivery rate / other flaws in your competitors' designs actually cause? How dangerous?

Team Name: OutSTENTing

Question 1:

Why general anesthesia as opposed to local?

Agenda looks nice! Market too!

Question 2:

Is extractability during the removal or while it's still in place? Related to low risk of accidental removal?

Team Name:

Question 1:

Lifetime of device? Not continuous monitoring

Question 2:

N/A only 4 teams besides us

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy Stent

Question 1:

What does savvy stent cost entail? Would electrodes not need to be removed and replaced every so often, resulting in more surgery?

Question 2:

How do electrodes report a wireless signal?

Team Name: Wound care / Wounder Woman

Question 1:

What kind of device is this? Is it a wound treatment device or a monitoring device? Or a knowledge class?

Question 2:

How does this get tailored to each patient?

Team Name: Neonates

Question 1:

How does device account for difference in brain waves between each patient?

Question 2:

Team Name: ~~revive~~

Question 1:

Question 2:

Team Name: Outstenting

Question 1: What kind of testing will be used before implementation for use in children?

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy Stent

Question 1: Is this rechargeable? Will it be a wireless device?

Question 2: How will the team test? (Since this is a fairly invasive process)

Team Name: Wonder Woman

Question 1: Why does the treatment cost so much?
Is it just because of hospital charges? → from the example given it seems like the doctor just prescribes antibiotics

Question 2: Is this going to be for each patient? or mostly @ hospitals?

Team Name: ReVIVe

Question 1: How long do you expect the battery life to be?
(pumps usually are extremely high power draw).

Question 2: Are you envisioning a mechanical or electrical solution?

Team Name: OutSTENTing

Question 1: How will the use of anasthesia be avoided? It seems that any way to remove the stent will be painful.

Question 2: Is local anesthesia an option you have considered?
loved your theme!

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVVY STENT

Question 1: why did you assume 95% profit margin?

Question 2: What is wrong with the devices currently being used?

Team Name: Neuronates

Question 1: Is there the potential to expand beyond brain waves?

Question 2: What can doctors actually do with this brain waves info?

Team Name: Revive

Question 1: How do you plan to power the device?

Question 2: What is the max amount you need to deliver?

Team Name: Outstentincy

Question 1: How will you deal with a patient hypersensitive to pain?

Question 2: How will you deal with infection risk?

Team Name:

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Revive

Question 1: how do you test the Robustness of your device? is testing for 1 week & extrapolating a true test?

Question 2: could example volumes be provided to check accuracy while in the field?

Team Name: Neonates

Question 1: How advanced will your testing go? Like you can't test on babies, somewhat the step below that?

Question 2: if one electrode is broken, in the field, what will be done to handle this?

Team Name: Wonder women

Question 1: its hard to see bottoms of our own feet, should images be altered to account for POV?

Question 2: is normal progression the same for children as adults?

Team Name: Outstanding

Question 1: will you check "pain" with each design? Because if you make the whole prototype w/ your assumed specs & its still painful what do you do?

Question 2: How will you evaluate Biodegradable stents?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Team Wonder Women.

Question 1: Is it just educational device?

Question 2: What is the plan to expand outside of Texas?

Team Name: Neonates.

Question 1: Are you using electrode gel at all?

Question 2: Are there any cultural sensitivities to consider?

Team Name: Team REVIVE.

Question 1: What is the targeting accuracy?

Question 2: What is the timeline?

Team Name: Out Starting.

Question 1: do. gender difference translate into the pediatric population?

Question 2: How will you test "curious hand" prevention?

Team Name:

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Wounder Women

Question 1: Is the device an instructional simulation or a visual/physical representation? How will the patient use such a device?

Question 2: Of the three types of DFUs, which will your simulation be able to diagnose?

Team Name: Neonstes

Question 1: How many electrodes will be used on the head? At what locations?

Question 2: How do you estimate the cost of this device?

Team Name: Revive

Question 1: How will the device be administered to the patients?

Question 2: What parts of the two previous design projects will you use?

Team Name: Outstenting

Question 1: Are there similar non-invasive procedures to remove stents? In the stomach? Any ideas on how you will implement the design?

Question 2: How will this device/method be tested?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Team Wonder Women

Question 1: What kind of people will this device target (age, gender, etc.)?

Question 2: Will it be a device that someone can take home?

Team Name: Neonates

Question 1: Is this a portable device?

Question 2: How will device be distributed?

Team Name: Revive

Question 1: Power considerations?

Question 2: Will air bubbles cause any further complications?

Team Name: Outstenting

Question 1: Are there any complications you see in your device when designing it in near future?

Question 2: How will this device be tested prior to in vivo studies?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy Stent

Question 1: How will you test the effectiveness of this sensing system?

Question 2: How will you get this into clinical trial?

Team Name: Neonates

Question 1: How will you power your device?

Question 2: How long do you predict data processing to take? How will you store all this data?

Team Name: Revive

Question 1: How is inaccurate flow rate impacting patients?

Question 2: How will you power your device?

Team Name: Outstenting

Question 1: How will you analyze the risk to patients?

Question 2: What are your current design plans?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy Stent

Question 1: How did you determine your expected price for this device?

Question 2: How will you test this device while prototyping?

Team Name: Neonates

Question 1: What will be the power source for your device?

Question 2: How will you deal with the availability of electrodes? If they are reusable, how will they remain sanitary?

Team Name: Revive

Question 1: How will this device be distributed?

Question 2: What is the power source for this device and how will you sustain it?

Team Name: Outstenting

Question 1: What are the FDA regulations that you must adhere to?

Question 2: What is the result of premature stent removal and what action is required when that happens?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVY STENT

Question 1: How often do endoleaks occur? Is there a time frame in which it is especially relevant

Question 2: Is data storage necessary, or is it an option? How long will you store data until?

Team Name: Wonder Women

Question 1: Confused as to how the simulation will help this situation and what it will actualy do to solve the problem

Question 2: How can you be assured that the patients are actualy using the simulator? Motivation for them to practice?

Team Name: _____

Question 1:

Question 2:

Team Name: revive

Question 1: What are the max & min volumes & rates that are required for this device?

Question 2: How likely is it that there are air bubbles and how are users of AutoSyp & IVDrip ~~wst~~ doing it now?

Team Name: Outstanding ← words are kind of small, safety specs slides should be reorganized

Question 1: Will children actually remain still and undergo the procedure if it ~~works~~ hurts?

Question 2: Are there extra FDA restrictions if you focus on children vs. adults?

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVVY STENT

Question 1: Will the device remain implanted permanently?

Question 2: How will the power source run constantly?

Team Name: WOUNDER WOMEN

Question 1: What are signs of onset of DFU? Easily avoidable?

Question 2: Is this more for training, ~~or~~ or for treatment?

Team Name: Team reVIVE

Question 1: Optically? Light source? Tubing refraction~~s~~ and scattering?

Question 2: How control flow rate?

Team Name: ~~Outstenting~~ Rice OutSTENTing

Question 1: What regulations are there? They seem very strict...

Question 2: "minimally invasive"... what does that mean?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVVY STENT

Question 1: What if doctors are outside of cell phone range or away from their phone when they receive emergency situation text message?

Question 2: What is the course of action if patients detect an issue while self-monitoring

Team Name: Woundcare

Question 1: How would you meet 75-80% of market when most devices are only able to reach 10-20%?
↳ want clarification

Question 2: Would patients still need to go to doctors after learning from this device?

Team Name: Neonates

Question 1: How many devices would each hospital or clinic use?

Question 2: Will the battery life last for the duration of use?

Team Name: Outstenting

Question 1: Why would this design cost more than competing products if it could be much less? Or was the $3,000 figure just an absolute max?

Question 2: Would the design be the standardized for implantation in males/females or will there be one for each sex?
↳ slight modifications

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAAAVY STENT

Question 1: How did you come up with the market value

Question 2: Why 8% of CT scan?

- What degrees would you choose for the LED based scale? (how many levels?)

Team Name: WOUNDCARE

Question 1: How do you plan on powering this?

Question 2: Is this going to be mobile

- How/Why 75-85%?

Team Name: Neuronotes

Question 1: Why can't you just amplify the signals to distinguish different brain waves?

Question 2: How would you account for noise when charging? Would device stay connected to patient while charging?

Team Name: Outstanding

Question 1: Why no undergraduate students?

Question 2:

Team Name:

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVVY STENT

Question 1: How is the device going to be powered?

Question 2: What is the projected lifetime of the implant?

Team Name: WOUND CARE

Question 1: How do you expect to provide dynamic wounds?

Question 2: How do you expect to simulate the properties of flesh in a reusable devie?

Team Name: REVIVE

Question 1: How do you expect to administer the fluids at a consistent rate without a peristaltic pump or fluid contact?

Question 2: Do you have any plans to convince the healthcare workers that this is a necessary additional device?

Team Name: OUTSTENTING

Question 1: How do you expect to measure the pain of removing the stent for prototypes without human testing?

Question 2:

Team Name:

Question 1:

Question 2:

Proposal Presentation -- Assessment

Team Name: Outstanting

Technical Content	Not Acceptable		Average		Excellent
1. Explained motivation for design	1	2	3	4	5
2. Summarized scope of design problem	1	2	3	4	5
3. Presented market analysis	1	2	3	4	5
4. Presented customer needs analysis	1	2	3	4	5
5. Presented target specifications	1	2	3	4	5
6. Presented mission statement	1	2	3	4	5

Visuals or Slide Design	Not Acceptable		Average		Excellent
1. Visual appeal of slides	1	2	3	4	5
2. Quality of graphs, figures and tables	1	2	3	4	5
3. Clear, concise supporting text	1	2	3	4	5

Organization of Presentation	Not Acceptable		Average		Excellent
1. Summarized scope of talk at the beginning	1	2	3	4	5
2. Communicated purpose of presentation	1	2	3	4	5
3. Appropriate tone for audience	1	2	3	4	5
4. Organization of content	1	2	3	4	5
5. Finished with a convincing conclusion	1	2	3	4	5

Oral Presentation Quality	Not Acceptable		Average		Excellent
1. Team's confidence and enthusis	1	2	3	4	5
2. Team's control of Q&A and quality of responses	1	2	3	4	5
3. Presentation length	1	2	3	4	5

Individual Assessment

Mark X in areas that are AVG. or BELOW AVG.

Name:	Invidual Presentation Score: (1-5 as above)	Well Pr	Eye Co	Voice Q	Body L	Questions
1. Allen	5					
2. John	4				X	
3. Eric	4			X		
4. Margaret	4			X	X	
5. Valerie	4			X		
6.						

Comments: Overall, great slides and explanations, my only qualm was the talking speed (too fast) of some team members.

One thing the group did particularly well: Use of technical jargon was done well, didn't feel overwhelming

One thing that could be improved: Some members of the team talked too fast

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: SAVVY STENT

Question 1: You mentioned that your price was estimated based on the price of other technologies. Why isn't anyone using those?

Question 2: How large will the wireless implant be / will 10x5x22 mm be large enough for it? (Do you plan on using bluetooth, wifi, other frequency?

Team Name: Wonder Woman

Question 1: If people with diabetes check their feet every day, can they avoid DFU? Isn't something they might be able to treat themselves without doctor care?

Question 2: Is your device proactive/preventative, or is it meant for treatment?

Team Name: Revive

Question 1: What is an acceptable error rate for bubble detection?

Question 2: Will it be battery-powered or wall-powered?

Team Name: Outstanding

Question 1: What is the risk of infection for these surgeries?

Question 2: Are there biodegradable stents on the market.

Team Name: _____

Question 1:

Question 2:

Proposal Presentation -- Assessment

Team Name: OutSTENTING

Technical Content	Not Acceptable		Average		Excellent
1. Explained motivation for design	1	2	3	4	5
2. Summarized scope of design problem	1	2	3	4	5
3. Presented market analysis	1	2	3	4	5
4. Presented customer needs analysis	1	2	3	4	5
5. Presented target specifications	1	2	3	4	5
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Oral Presentation Quality	Not Acceptable		Average		Excellent
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Individual Assessment

Mark X in areas that are AVG. or BELOW AVG.

Name:	Invidual Presentation Score: (1-5 as above)	Well Pr	Eye Co	Voice Q	Body L	Questions
1. Allen		5	5	5	4	
2. Eric		4	5	4	5	
3. John		4	5	4	5	
4. Margaret		5	5	5	5	
5. Valerie		5	5	5	5	
6.						

Comments:

One thing the group did particularly well: Some of the procedure images could have been explained more thoroughly, it was hard to correlate images to descriptions

One thing that could be improved: Scope of talk was very thoroughly explained and procedure images were neat, statistics and specifications were well set and described

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Savvy stent

Question 1: ~~what~~ ~~How does the competing product work~~?
~~Coun~~ Could this device be applied to other aortic stents (in other locations)?

Question 2: Will the wireless monitor need to be carried around with them at all times? ~~Ea~~ Is it easily replaceable?

Team Name: Neonates

Question 1: Can anti-seizure medications harm a normal baby (w/o the condition)? What are the detriments of a false positive besides cost?

Question 2: Where did the $300 value come from?

Team Name: Revive

Question 1: Which existing device are you going to incorporate into your own or will you design from scratch?

Question 2: How does current ~~tech~~ technology detect air bubbles in the tubing? How often does overhydrating occur?

Team Name: Outstenting

Question 1: What are some of FDAs regulations?

Question 2: What are some of the complications that can arise at every step of installation?

Team Name: _____

Question 1:

Question 2: