Proposal Presentation -- Assessment

Team Name: Neonates

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. Ramona	5					
2. Yusi	4					
3. JJ	3		X			
4. Leo	3					
5. Grant	2	X	X	X	X	
6.						

Comments: _____

One thing the group did particularly well: _____

One thing that could be improved: _____

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 ya be sure that it will be easy to use? SUS?

Question 2: How will regulatory standards be ensured?

Team Name: _____

Question 1:

Question 2:

Proposal Presentation -- Assessment

Team Name: neuronates

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
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1. Team's confidence and enthusis	1	2	3	4	(5)
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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. Yuci	5	5	5	5	5	
2. ~~Leo~~ Grant	5	4	5	5	4	
3. ~~[illegible]~~ Leo	5	5	5	5	5	
4. JJ	5	5	5	5	4	
5. Mona	5	5	5	5	5	
6.						

Comments: Over all very good!

One thing the group did particularly well: They seem very well researched on EEG background and need

One thing that could be improved: May need to look into further design constraints in the developing world - questions about where it can be used, display that may need a physician, will these babies follow up on care when they leave the hospital, etc.

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)

Team Name: Woundcare

You make it sound like EVAR is the only option.

Question 1: How will you stimulate so many wounds?

Question 2: Will the patients take the ~~stimulator~~ 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: reuIVe

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)

Proposal Presentation -- Assessment

Team Name: Neo Nates

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
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Individual Assessment

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Name:	Invidual Presentation Score: (1-5 as above)	Well Pr	Eye Co	Voice Q	Body L	Questions	
1. Momma	4.5						
2. Yusi	4.5		X				- very good Qs
3. Leo	4		X				
4. Grant	4		X	X			
5. JJ	4.5			X			- very good Qs
6.							

Comments: slides have a lot of text, but you spend enough time on each slide for it to work well

One thing the group did particularly well: Nice mockup of the monitor! I was wondering how the subsystems would come together Nice job on questions too!

One thing that could be improved: I didnt really understand the background section on brain waves. Possible I was expecting it to contribute more specificity to the design?

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 extradability 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

N/A only 4 teams besides us

Question 2:

Proposal Presentation -- Assessment

Team Name: Neonates

Technical Content	Not Acceptable		Average		Excellent
1. Explained motivation for design	1	2	3	4	(5)
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3. Presented market analysis	1	2	(3)	4	5
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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. Yusi Ou	4					
2. JJ Alred	4					
3. Leo Meister	4					
4. Grant	2			X		
5. Mimona	4					
6.						

Comments:

One thing the group did particularly well: Nice postures

One thing that could be improved: Grant - sorry, but I had a hard time listening to your part because of all the 'um's'

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: CT cost: 80,000 $ before or after insurance ?

Question 2: Why less than 1 mA for the current?

Team Name: Wounder Women

Question 1: Just to be clear, did you or did you not count amputation cost in the Market Analysis

Question 2: [redacted] Electrical components? Or a static, mechanical model?

Team Name: Neonates

Question 1: Why [redacted] not use the Emotiv EPOC, which sells commercially for $400 ?

Question 2: Relevant regulations?

Team Name: ReviVe

Question 1: If the second alternative is not suitable because the country doesn't have many syringe sizes, why not just ship them syringes?

Question 2: In the market analysis, why do you expect 10-15% market share in ALL low/middle income countries instead of just Malawi?

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: Who will cover the cost? patient / hospital?

Question 2: ~~Do~~ Do you have a backup design if electrodes prove unsatisfactory?

Team Name: Wonder Women P.S good intro!

Question 1: ~~once it is infected is~~ Are you creating a pamphlet (for info) or a "at-home" kit?

Question 2: How long does treating a wound like This take?

Team Name: Neonates

Question 1: if 90% of ~~seizures~~ are undetectable, do you plan on putting this on all premature babies?

Question 2: How long will it last? Uses? months

Team Name: Team Revive

Question 1: IS There not already air-bubble detection?

Question 2: SO are you utilizing the previous Hemis design? or Starting new?

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 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: 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 wave 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: Outstentingy

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: Wound Care

Question 1: How would you rank your customer needs?

Question 2: Is the solution to be used by patients or doctors?

Team Name: Monsters.

Question 1: How would you address the wires involved? will they still be ~~too~~ disposable

Question 2: How will the device be powered without introducing more risk to the device.

Team Name: Revive

Question 1: Would you want to create a new device or complement an existing device.

Question 2: Is the target audience patients or doctors?

Team Name: _____

Question 1:

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: 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, so what's the step before that?

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

Team Name: Wounder women

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

Question 2: is wound 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: Neurons.

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 accuracy? (targeting)

Question 2: What is the timeline?

Team Name: Out Standing

Question 1: do gender differences 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: Neonates

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 Wounder 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 many electrodes are to be implanted in the patients' body?

Question 2: Why did you assume profit margin around 20%?

Team Name: Neurocatch

Question 1:

How is your acquisition interface different from the status quo?

Question 2: How many electrodes needed?

Team Name: Curve

Question 1:

what is the building cost?

Question 2: How often do air bubbles happen?

Team Name: Outlanting

Question 1: Why is the stent put in anyway?

Question 2: How will you remove the need for general anesthesia?

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: Savvy Stent

Question 1: How much would the cost of implantation be?

Question 2: How will you test the electrodes?

Team Name: Wounder Women

Question 1: How would you test your system?

Question 2: Who will pay for the kit?

Team Name: Neuronates

Question 1: How will you model EEG signals to test?

Question 2: How long do you plan on your device remaining functional?

Team Name: Revive

Question 1: How will the device be powered reliably?

Question 2: How do you plan on detecting air bubbles?

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 set?
↳ 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: SAHAVI 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?
Is this going to be mobile

Question 2: - 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 big of a charge is necessary for the sensors to pick up on it?

Question 2: How is it powered? Internal battery / inductance / etc?

Team Name: Wonder Women

Question 1: Is this device something they can take home

Question 2: Is this adaptable for wounds other than DFUs (potentially)?

Team Name: Neuronates

Question 1: ~~How do you~~ Will the device come preprogrammed with what a "normal" brainwave is for different stages of neonates?

Question 2: Will the batteries that charge your device be available locally as well or will they be shipped?

Team Name: Revive

Question 1: Are you going to make a syringe & IV compatible pump

Question 2: Do you intend to power your device? Gravity / mechanical?

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~~ ~~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? ~~Is~~ 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 ~~tttt~~ 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: