

ASSIGNMENT 3 PART 1: SURVEY QUESTIONNAIRE

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Central Question

What role does biophilic design play in fostering recovery and well-being in cancer patients and which interior design elements create the occurrence of nature to further meet the psychological and physical wants and needs of these patients?

Research Questions

1. How does lighting and color affect the healing process of patients?
2. What types of entertainment foster positive and sustainable interactions?
3. How will implementing environmental features in the built environment affect patients?
4. How does audio and visual privacy affect the patients?
5. How do forms and materials contribute to patient well-being?

Concepts

Biophilic Elements:

1. **Lighting and Color**
2. **Entertainment: Physical Activities | Music**
3. **Environmental Features**
4. **Audio and Visual Elements**
5. **Interior Finishes and Materials**

Definitions

Lighting and Color

Lighting and color should consider the emotional and psychological factors that affect the healing process and well-being of patients. Lighting affects the color we see within a space. Color can evoke and create a sense of identity.

Entertainment

Entertainment within a healthcare facility will help comfort, welcome, and help with the perception of time (Boscherini. Giuseppe 2017) Entertainment can range from physical activities to listening to music while resting.

Environmental Features

The connection to Biophilic elements can help reduce stress, improve mood and self-esteem (Mazuch, 2017) Biophilia helps explain the human attraction to nature.

Audio and Visual Elements

Human senses do not work in isolation, in a healthcare facility positive audio and visual elements will assist patients in reducing distress, improve the healing process, and sleep patterns. Audio and visual elements range from partitions obstructing the view to sound systems incorporated for sound masking.

Interior Finishes and Materials

The proper selection of finishes and materials can improve the experience one has within the built environment. Interior finishes and materials range between the paint color on a wall to the furniture that occupies a space.

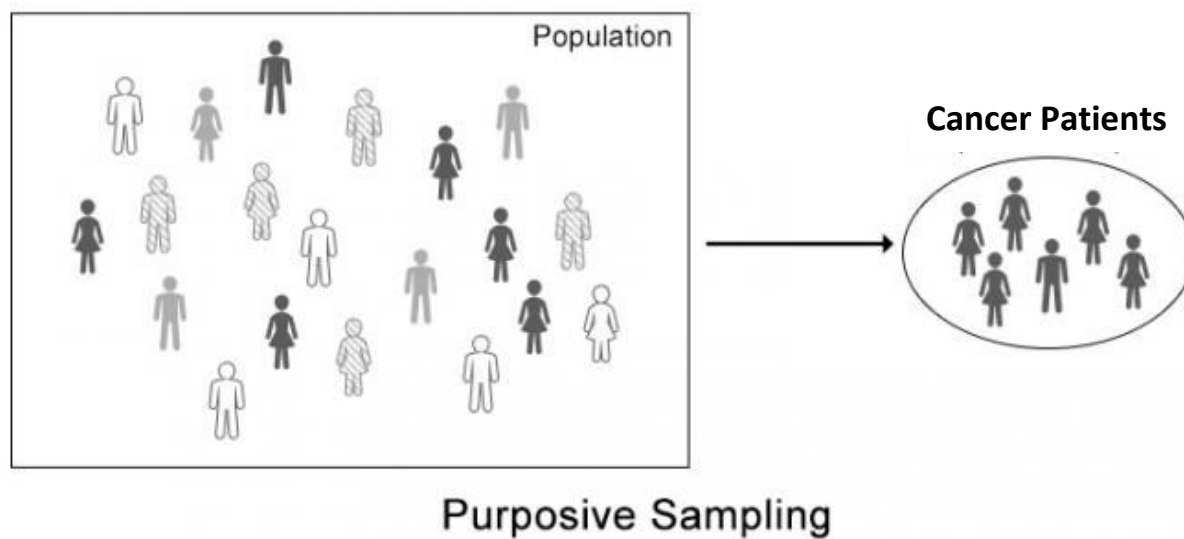
Operationalization Table

Operationalization Table							
THEORY	CONCEPT	Variable	Definition of Variable	Dimension	Indicator	Data Collection	Category of Data
Biophilia	Lighting and Color	Healing Process	The process in which an individual makes progress or becomes healthy again.	Physiological	Positive/negative moods, Positive/negative behaviors,	Quantitative	Ordinal
		Autonomy	Being in control of the amount and type of light available in a space.	Self-efficacy	Motivation to be active, Inclined to interact, Wanting to change their lighting conditions	Quantitative	Ordinal
	Interior Finishes and Materials	Architectural finishes	Relationship between materials, finishes, and indoor air quality.	Behavioral	Visual comfort, Acoustical comfort, Repetition of materials,	Quantitative	Ordinal
		Scale	The magnitude, extent or size of a space. in reference to human-beings.	Psychological	Emotions created by high ceilings, Emotions created by low ceilings, Response to large areas, Response to small areas,	Quantitative	Nominal
		Shapes and Forms	Shapes and forms imply and define space; composed of masses.	External	Effect of columns, Effect of domes, Response to circulation, Attraction to patterns	Quantitative	Nominal
	Biophilic Elements	Psychological	The study of the human mind and its functions, the effects in behavior it has in response to natures elements.	Restorative	Anxiousness, Feeling of vulnerability, Signs of stress, Inspired by surroundings, Relaxed, Calmed within environment	Quantitative	Nominal

Operationalization Table

		Sensory engagement	The manner in which an individual utilizes their senses in reference to their environment	External	Sensitivity to light, Sensitivity to daylight, Sensitivity to smell, Sensitivity to hearing, Physical visibility, Physical privacy, Audial privacy	Quantitative	Ordinal
		Attraction to nature	The need or want for an individual to be near, or within the natural environment.	Biophilia	Visual connectino to nature, Attraction to natural daylight, Attraction to natural landscapce, Attraction to sound of water streams/ leaves swaying	Quantitative	Nominal
Well-being	Privacy	Visual Privacy	Free of exposure relating to visual information from the public.	Sociability	Partitions, Walls, Physical barriers, Degree of privacy	Quantitative	Nominal
		Audial Privacy	Free of exposure relating to audial information from the public.	Physical, mental, behavioral	Acoustical Panels, Noise absorbing Materials,	Quantitative	Ordinal
		Comfort	A state of physical or emotional ease and freedom within the built environment due to its surroundings.	Confidence	Positive/Negative mood, Sociability, Discomfort, Eagerness, Feeling of isolation,	Quantitative	Ordinal
	Entertainment	Physical Involvement	Learning new activities and engaging with other individuals.	Time perception	Access to interactive workshops, Working on solo projects such as a puzzle, Reading, Access to Yoga,	Quantitative	Nominal
		Meaningful Activity	Important, useful, purposeful, untangible value found in activities that can improve well-being.	Restorative	Sense of community, Communication, Emotional support, Restoring emotional energy, Spiritual connection	Quantitative	Nominal
		Recreational	Activity done for enjoyment when one is not working.	Positive Distractions	Degree of optimism, Access to group meetings,	Qualitative	Nominal

Purposive Sampling



Our sampling method is purposive as our audience is patients who are currently diagnosed with cancer or are in remission. Not only cancer patients attend the Hippocrates Health Institute nor Lennar Foundation Medical Center. Therefore, cancer patients need to be identified in both facilities.

Sampling Size

Pilot Questionnaire: 10 participants from Hippocrates Health Institute

Final Questionnaire: 40 participants Hippocrates Health Institute

Pilot Questionnaire: 10 participants from Lennar Foundation Medical Center

Final Questionnaire: 40 participants Lennar Foundation Medical Center

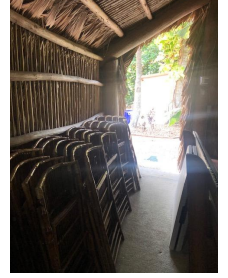
The sampling size is representative of Hippocrates Health Institute since the facility typically has 80 guests per week. Therefore, it is a very generous sampling of the entire population of cancer patients. In regards to Lennar Foundation Medical Center, thousands of patients and staff visit the facility each week, so a sampling of 40 is very small in regards to the entire population of cancer patients.

Pilot Questionnaire

Hippocrates Health Institute

1. In this room what would you prefer to do? (Circle all that apply)

- a. Sleep
- b. Read
- c. Write
- d. Color
- e. Watch TV
- f. Be on your phone
- g. Talk
- h. Rest
- i. None of the above. Other _____



2. How do the following images make you feel? (Circle all that apply)

- a. Calm
- b. Tired
- c. Energized
- d. Inspired
- e. Welcomed
- f. Anxious
- g. Stressed
- h. Happy
- i. Sad
- j. None of the above. Other _____



3. In the room, you have a window. During any treatment do you prefer to have the blinds?

- a. Completely opened
- b. Slightly opened
- c. Half-way opened
- d. Completely closed
- e. It does not matter.
- f. None of the above. Other _____

4. During any treatment, do you prefer to have access to daylight?

- a. Yes
- b. Depends on my mood
- c. Depends on the weather
- d. No
- e. It doesn't matter
- f. None of the above. Other _____

Pilot Questionnaire

Hippocrates Health Institute

5. During your treatment what activities would you be most interested in? (Circle all that apply)
- a. Yoga with instructor
 - b. Working on a puzzle
 - c. Arts and craft workshops
 - d. Listening to music
 - e. Sleeping
 - f. Be alone
 - g. Read a book
 - h. Watch TV
 - i. None of the above. Other _____
6. During your treatment what do you find the most meaningful? (Circle all that apply)
- a. Connecting with other patients
 - b. A sense of community
 - c. Being isolated
 - d. Speaking with counselors
 - e. Spending time with family
 - f. Being able to rest/sleep
 - g. Help or assist other patients
 - h. Personalized the space where you receive treatment
 - i. Documenting your journey
 - j. None of the above. other _____
7. What brings you the most optimism during treatment? (Circle all that apply)
- a. A spiritual connection
 - b. Interaction with different staff members
 - c. Specific staff members who you feel comfortable with
 - d. Group activities, classes, workshops, games
 - e. Connecting/ sharing with existing patients
 - f. Connecting/ sharing with previous patients
 - g. Being informed throughout the treatment
 - h. Access to internet/phone services to connect with others not in the facility
 - i. Accommodations for family and friends
 - j. None of the above. Other _____
-

Pilot Questionnaire

Hippocrates Health Institute

8. During treatment what would you rather have in the room? (Circle all that apply)

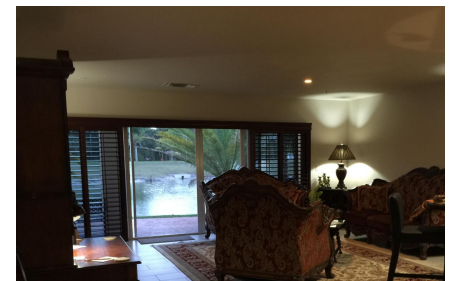
- a. Access to a window
- b. No window
- c. Art with natural landscapes
- d. Abstract art
- e. Animal related sculptures
- f. Colorful decor
- g. Listen to music
- h. Listen to natural sounds (water stream, leaves swaying)
- i. Having plants in the room
- j. None of the above. Other _____

9. During treatment what are you most sensitive to? (Circle all that apply)

- a. Specific smells such as flowers
- b. Amount of light in your room
- c. Hearing equipment
- d. Heat
- e. Dark rooms
- f. Hearing other patients
- g. Feeling alone/isolated
- h. Visual access to your surroundings
- i. Nothing
- j. None of the above. other _____

10. How do the following images make you feel? (Circle all that apply)

- a. Calm/relaxed
- b. Energized/inspired
- c. Happy
- d. Welcomed
- e. Exposed
- f. Uncomfortable
- g. Vulnerable
- h. Anxious
- i. Stressed
- j. None of the above. other _____



Pilot Questionnaire

Hippocrates Health Institute

11. What is the level of visual privacy you desire while receiving treatments? (Circle best choice)
- a. Complete privacy/ private room/ alone
 - b. Complete privacy/ private room/ space for family/friends
 - c. Share room with one additional patient divided by half wall
 - d. Share room with one additional patient divided by curtain
 - e. Share room with one additional patient no visual privacy
 - f. Share room with small group(4) of people
 - g. Large room where only patients are allowed
 - h. Large room where anyone is allowed
 - i. Does not make a difference to me.
 - j. None of the above. Other _____
12. How does hearing the surrounding sounds (cars, chatter, equipment) make you feel? (Circle all that apply)
- a. Doesn't matter
 - b. Stressed
 - c. Uncomfortable
 - d. Invading their privacy
 - e. Nervous
 - f. Relaxed
 - g. Positive
 - h. Happy
 - i. Doesn't bother me.
 - j. None of the above. other _____
13. During treatment, you can hear your neighbor and they can hear you. How does that make you feel? (Circle all that apply)
- a. Doesn't bother me
 - b. I love hearing my neighbor
 - c. Uncomfortable when speaking with staff/ over the phone
 - d. Happy, it means I'm not alone
 - e. Sad, they're not doing well
 - f. Embarrassed, I had a bad day
 - g. Excited to talk to them
 - h. Vulnerable
 - i. Comforting, we share experiences
 - j. None of the above. other _____
-

Pilot Questionnaire

Hippocrates Health Institute

14.

How do the size of the buildings compared to your height make you feel? (Circle all that apply)

a.

Welcomed

b.

Important

c.

Enclosed

d.

Claustrophobic

e.

Impressive, leave you in awe

f.

Interested

g.

Uncomfortable

h.


Insignificant

i.

Does not matter/I don't care

j.

None of the above. Other _____
15.

How comfortable do you feel when you are in the following spaces?
(1 not comfortable at all - 5 very comfortable)
- 

1

2

3

4

5

Not Comfortable

Very Comfortable
- 

1

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- 

1

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- 

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16.

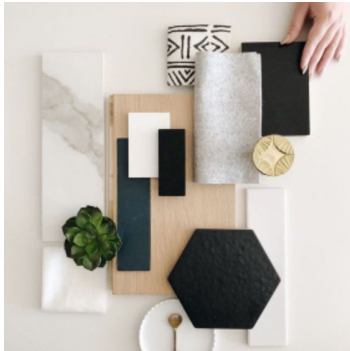
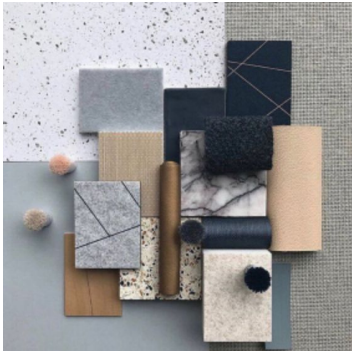
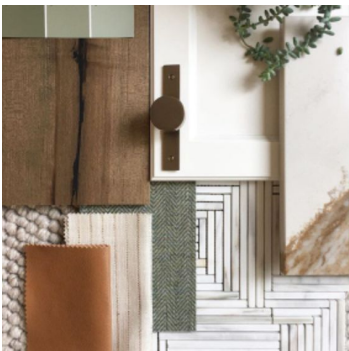
Rate the following material samples in order of preference for rooms where you receive treatment.

1 (Most Preferred)

2(Prefered)

3(Somewhat Preferred)

4 (Not Preferred)





End of Pilot Questionnaire



Hippocrates Health Institute

Pilot Questionnaire

Lennar Foundation Medical Center

1. In this room what would you prefer to do? (Circle all that apply)

- a. Sleep
- b. Read
- c. Write
- d. Color
- e. Watch TV
- f. Be on your phone
- g. Talk
- h. Rest
- i. None of the above. Other _____



2. How do the following images make you feel? (Circle all that apply)

- a. Calm
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- d. Inspired
- e. Welcomed
- f. Anxious
- g. Stressed
- h. Happy
- i. Sad
- j. None of the above. Other _____



3. In the room, you have a window. During any treatment do you prefer to have the blinds?

- a. Completely opened
- b. Slightly opened
- c. Half-way opened
- d. Completely closed
- e. It does not matter.
- f. None of the above. Other _____

4. During any treatment, do you prefer to have access to daylight?

- a. Yes
- b. Depends on my mood
- c. Depends on the weather
- d. No
- e. It doesn't matter
- f. None of the above. Other _____

Pilot Questionnaire

Lennar Foundation Medical Center

5. During your treatment what activities would you be most interested in? (Circle all that apply)
- a. Yoga with instructor
 - b. Working on a puzzle
 - c. Arts and craft workshops
 - d. Listening to music
 - e. Sleeping
 - f. Be alone
 - g. Read a book
 - h. Watch TV
 - i. None of the above. Other _____
6. During your treatment what do you find the most meaningful? (Circle all that apply)
- a. Connecting with other patients
 - b. A sense of community
 - c. Being isolated
 - d. Speaking with counselors
 - e. Spending time with family
 - f. Being able to rest/sleep
 - g. Help or assist other patients
 - h. Personalized the space where you receive treatment
 - i. Documenting your journey
 - j. None of the above. other _____
7. What brings you the most optimism during treatment? (Circle all that apply)
- a. A spiritual connection
 - b. Interaction with different staff members
 - c. Specific staff members who you feel comfortable with
 - d. Group activities, classes, workshops, games
 - e. Connecting/ sharing with existing patients
 - f. Connecting/ sharing with previous patients
 - g. Being informed throughout the treatment
 - h. Access to internet/phone services to connect with others not in the facility
 - i. Accommodations for family and friends
 - j. None of the above. Other _____
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Pilot Questionnaire

Lennar Foundation Medical Center

8. During treatment what would you rather have in the room? (Circle all that apply)

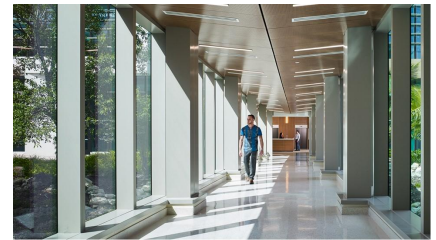
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- g. Listen to music
- h. Listen to natural sounds (water stream, leaves swaying)
- i. Having plants in the room
- j. None of the above. Other _____

9. During treatment what are you most sensitive to? (Circle all that apply)

- a. Specific smells such as flowers
- b. Amount of light in your room
- c. Hearing equipment
- d. Heat indoors
- e. Dark rooms
- f. Hearing other patients
- g. Feeling alone/isolated
- h. Visual access to your surroundings
- i. Nothing
- j. None of the above. other _____

10. How do the following images make you feel? (Circle all that apply)

- a. Calm/relaxed
- b. Energized/inspired
- c. Happy
- d. Welcomed
- e. Exposed
- f. Uncomfortable
- g. Vulnerable
- h. Anxious
- i. Stressed
- j. None of the above. other _____



Pilot Questionnaire

Lennar Foundation Medical Center

11. What is the level of visual privacy you desire while receiving treatments? (Circle best choice)
- a. Complete privacy/ private room/ alone
 - b. Complete privacy/ private room/ space for family/friends
 - c. Share room with one additional patient divided by half wall
 - d. Share room with one additional patient divided by curtain
 - e. Share room with one additional patient no visual privacy
 - f. Share room with small group(4) of people
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 - h. Large room where anyone is allowed
 - i. Does not make a difference to me.
 - j. None of the above. Other _____
12. How does hearing the surrounding sounds (cars, chatter, equipment) make you feel? (Circle all that apply)
- a. Doesn't matter
 - b. Stressed
 - c. Uncomfortable
 - d. Invading their privacy
 - e. Nervous
 - f. Relaxed
 - g. Positive
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 - d. Happy, it means I'm not alone
 - e. Sad, they're not doing well
 - f. Embarrassed, I had a bad day
 - g. Excited to talk to them
 - h. Vulnerable
 - i. Comforting, we share experiences
 - j. None of the above. other _____
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Pilot Questionnaire

Lennar Foundation Medical Center

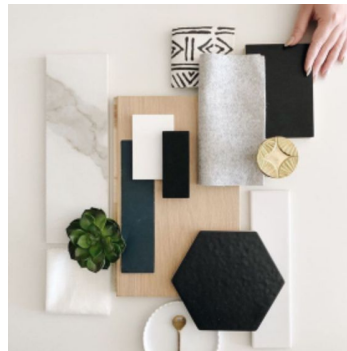
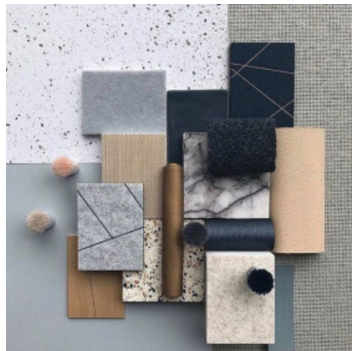
14. How do the size of the buildings compared to your height make you feel? (Circle all that apply)
- a. Welcomed
 - b. Important
 - c. Enclosed
 - d. Claustrophobic
 - e. Impressive, leave you in awe
 - f. Interested
 - g. Uncomfortable
 - h. Insignificant
 - i. Does not matter/I don't care
 - j. None of the above. Other _____

15. Based on these images, on a scale from 1 to 10. How comfortable do you feel? (1 not comfortable at all - 10 very comfortable)



1 2 3 4 5 6 7 8 9 10

16. Rate the following material samples in order of preference for rooms where you receive treatment.
- 1 (Most Preferred) 2(Preferred) 3(Somewhat Preferred) 4 (Not Preferred)



Questionnaire Discussion

Hippocrates Health Institute



The first thing that was observed was that individuals felt the questionnaire was too long. Although the questionnaire only consisted of 16 questions, the answers were relatively extensive. We reduced the wording to simpler forms and shortened answers that were equivalent to the existing responses. Several questions and responses targeted very similar areas, therefore the questions were combined. Some of the images presented in the questionnaire did not trigger the same emotion, therefore some responses were contradicting and not clear. We resolved this issue by separating the images to get a better understanding of the feeling that each image triggered. In order to get a more accurate representation in regards to the scale of spaces, images are now provided as most individuals answered they did not care. We were unsure if they genuinely did not care or if they did not realize the smaller scale in buildings. Lastly the participants had a higher interest in questions that included images, therefore those questions are going to be moved to create a more balance questionnaire and maintain their interest..

End of Pilot Questionnaire

Lennar Foundation Medical Center

Questionnaire Discussion

Lennar Foundation Medical Center

We experience the same first reaction, individuals seemed to take a step back when noticing the questionnaire was four pages long. We also reduces the wording, and shortened answers. We also combined questions to reduce repetition and reduce the lack of interest from the participants. Some questions were combined. We experienced the same confusion when presenting more than one image of different spaces. The responses were unclear, we also separated those images in order to get a more accurate representation. Regarding the scale of spaces, for the Lennar Foundation Medical Center the same question seemed to trigger more accurate responses, individuals noticed the scale a lot more than the individuals in Hippocrates Health Institute. Just like in the first survey, questions with images were moved around to create a more balanced questionnaire and maintain the participants interest.





Final Questionnaire


Hippocrates Health Institute


1. During any treatment, do you prefer to have access to daylight?
 - a. Yes
 - b. Depends on my mood
 - c. Depends on the weather
 - d. No
 - e. It doesn't matter


2. Based on these images, on a scale from 1 to 5. How comfortable do you feel?
(1 not comfortable at all - 5 very comfortable)


1


2


3


4



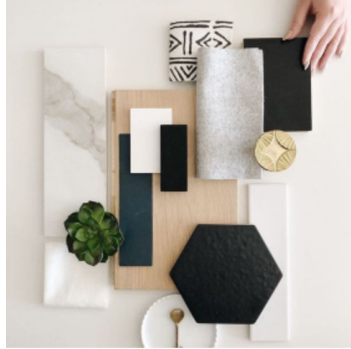


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3. How does hearing the surrounding sounds (cars, chatter, equipment) make you feel?
(Circle all that apply)
 - a. Doesn't matter
 - b. Stressed
 - c. Uncomfortable
 - d. Invading their privacy
 - e. Nervous
 - f. Relaxed
 - g. Happy
 - h. Doesn't bother me.

4. During your treatment what do you find the most meaningful? (Circle all that apply)
 - a. Yoga with instructor
 - b. A sense of community
 - c. Arts and craft workshops
 - d. Speaking with counselors
 - e. Spending time with family
 - f. Being able to rest/sleep
 - g. Working alone; reading, puzzle, watching tv, listening to music
 - h. Personalized the space where you receive treatment
 - i. Documenting your journey

Final Questionnaire

Hippocrates Health Institute

5. What brings you the most optimism during treatment? (Circle all that apply)
- Spiritual connection
 - Meeting new individuals
 - Staff members you feel comfortable with
 - Group activities, classes, workshops, games
 - Connecting with existing patients
 - Connecting with previous patients
 - Being informed throughout the treatment
 - Access to internet/phone services to connect with others not in the facility
 - Accommodations for family and friends
6. Rate the following material samples in order of preference for rooms where you receive treatment.
- 1 (Most Preferred) 2(Preferred) 3(Somewhat Preferred) 4 (Not Preferred)
- 
- 
- 
- 
7. During treatment what would you rather have in the room? (Circle all that apply)
- Access to a window
 - No window
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 - Abstract art
 - Animal related sculptures
 - Colorful decor
 - Music playing
 - Natural sounds such as a (water stream, or leaves swaying
 - Having plants in the room

Final Questionnaire

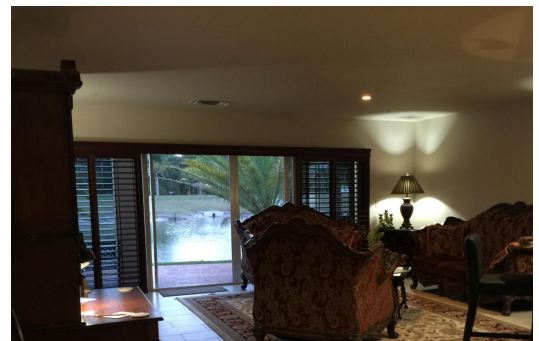
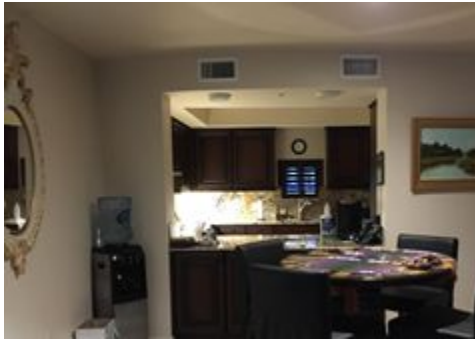
Hippocrates Health Institute

8. During treatment what are you most sensitive to? (Circle all that apply)

- a. Specific smells such as flowers
- b. Amount of light in your room
- c. Hearing equipment beep
- d. Being too hot/ too cold
- e. Dark rooms
- f. Hearing other patients
- g. Feeling alone/isolated
- h. What you can see in your surroundings
- i. Nothing

9. How do the following images make you feel? (Circle all that apply)

- a. Calm/relaxed
- b. Energized/inspired
- c. Happy
- d. Welcomed
- e. Exposed
- f. Uncomfortable
- g. Vulnerable
- h. Anxious
- i. Stressed



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- f. Uncomfortable
- g. Vulnerable
- h. Anxious
- i. Stressed



Final Questionnaire

Hippocrates Health Institute

11. What is the level of visual privacy you desire while receiving treatments? (Circle best choice)
- Complete privacy/ private room/ alone
 - Complete privacy/ private room/ space for family/friends
 - Share room with one additional patient divided by half wall
 - Share room with one additional patient divided by curtain
 - Share room with one additional patient no visual privacy
 - Share room with small group(4) of people
 - Large room where anyone is allowed
 - Does not make a difference to me.
12. During treatment, you can hear your neighbor and they can hear you. How does that make you feel? (Circle all that apply)
- Doesn't bother me
 - Uncomfortable when speaking with staff/ over the phone
 - Happy, it means I'm not alone
 - Sad, they're not doing well
 - Embarrassed, I had a bad day
 - Excited to talk to them
 - Vulnerable
 - Comforting, we share experiences
13. In this room, what would you prefer to do? (Circle all that apply)
- Sleep
 - Read
 - Write
 - Color
 - Watch TV
 - Be on your phone
 - Talk
 - Rest



Final Questionnaire

Hippocrates Health Institute

14. How does the ceiling height compared to your height make you feel? (Circle all that apply)

- a. Welcomed
- b. Important
- c. Enclosed
- d. Claustrophobic
- e. Impressive, leave you in awe
- f. Interested
- g. Uncomfortable
- h. Insignificant
- i. Does not matter/I don't care



15. How do the following images make you feel? (Circle all that apply)

- a. Calm
- b. Tired
- c. Energized
- d. Inspired
- e. Welcomed
- f. Anxious
- g. Stressed
- h. Happy
- i. Sad





End of Final Questionnaire



Hippocrates Health Institute

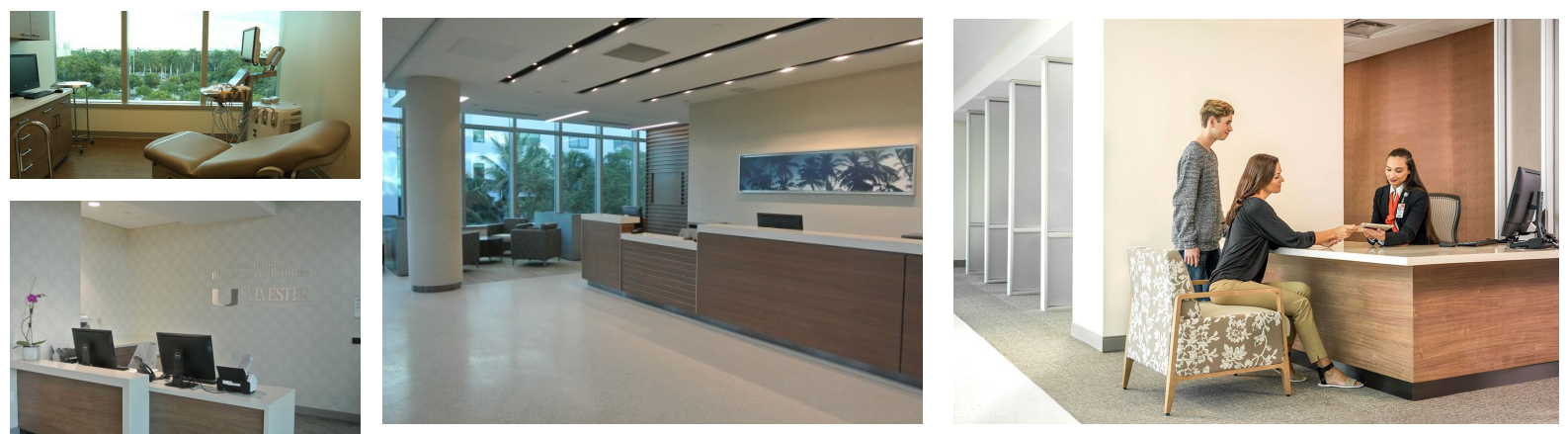
Final Questionnaire

Lennar Foundation Medical Center

1. During any treatment, do you prefer to have access to daylight?

- a. Yes
- b. Depends on my mood
- c. Depends on the weather
- d. No
- e. It doesn't matter

2. Based on these images, on a scale from 1 to 5. How comfortable do you feel? (1 not comfortable at all - 5 very comfortable)



1 2 3 4 5

3. How does hearing the surrounding sounds (cars, chatter, equipment) make you feel? (Circle all that apply)

- a. Doesn't matter
- b. Stressed
- c. Uncomfortable
- d. Invading their privacy
- e. Nervous
- f. Relaxed
- g. Positive
- h. Happy
- i. Doesn't bother me.

Lennar Foundation Medical Center

4. During your treatment what do you find the most meaningful? (Circle all that apply)

- a. Yoga with instructor
- b. A sense of community
- c. Arts and craft workshops
- d. Speaking with counselors
- e. Spending time with family
- f. Being able to rest/sleep
- g. Working alone; reading, puzzle, watching tv, listening to music
- h. Personalized the space where you receive treatment
- i. Documenting your journey
- j.

6. What brings you the most optimism during treatment? (Circle all that apply)

- a. Spiritual connection
- b. Meeting new individuals
- c. Staff members you feel comfortable with
- d. Group activities, classes, workshops, games
- e. Connecting with existing patients
- f. Connecting with previous patients
- g. Being informed throughout the treatment
- h. Access to internet/phone services to connect with others not in the facility
- i. Accommodations for family and friends

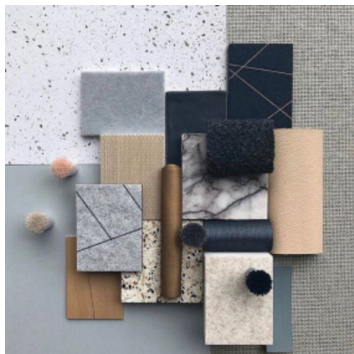
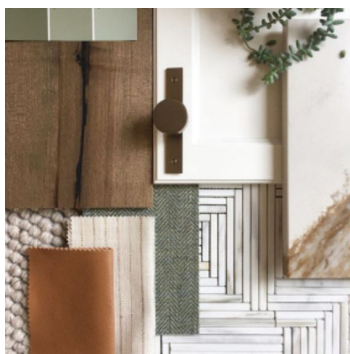
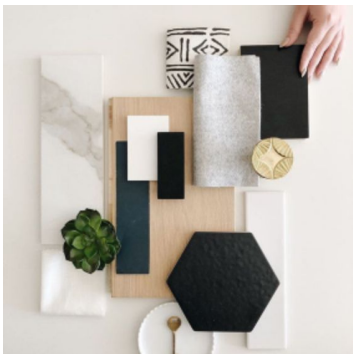
6. Rate the following material samples in order of preference for rooms where you receive treatment.

1 (Most Preferred)

2(Preferred)

3(Somewhat Preferred)

4 (Not Preferred)



Final Questionnaire

Lennar Foundation Medical Center

7. During treatment what would you rather have in the room? (Circle all that apply)

- a. Access to a window
- b. No window
- c. Art with natural landscapes
- d. Abstract art
- e. Animal related sculptures
- f. Colorful decor
- g. Music playing
- h. Natural sounds such as a (water stream, or leaves swaying
- i. Having plants in the room

8. During treatment what are you most sensitive to? (Circle all that apply)

- a. Specific smells such as flowers
- b. Amount of light in your room
- c. Hearing equipment
- d. Heat indoors
- e. Dark rooms
- f. Hearing other patients
- g. Feeling alone/isolated
- h. Visual access to your surroundings
- i. Nothing

9. How do the following images make you feel? (Circle all that apply)

- a. Calm
- b. Tired
- c. Energized
- d. Inspired
- e. Welcomed
- f. Anxious
- g. Stressed
- h. Happy
- i. Sad

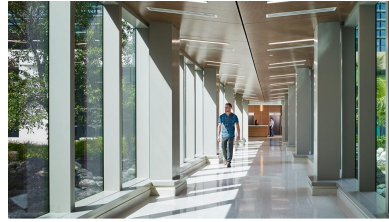


Final Questionnaire

Lennar Foundation Medical Center

10. How do the following images make you feel? (Circle all that apply)

- a. Calm/relaxed
- b. Energized/inspired
- c. Happy
- d. Welcomed
- e. Exposed
- f. Uncomfortable
- g. Vulnerable
- h. Anxious
- i. Stressed



11. What is the level of visual privacy you desire while receiving treatments? (Circle best choice)

- a. Complete privacy/ private room/ alone
- b. Complete privacy/ private room/ space for family/friends
- c. Share room with one additional patient divided by half wall
- d. Share room with one additional patient divided by curtain
- e. Share room with one additional patient no visual privacy
- f. Share room with small group(4) of people
- g. Large room where only patients are allowed
- h. Large room where anyone is allowed
- i. Does not make a difference to me.

12. During treatment, you can hear your neighbor and they can hear you. How does that make you feel? (Circle all that apply)

- j. Doesn't bother me
- k. I love hearing my neighbor
- l. Uncomfortable when speaking with staff/ over the phone
- m. Happy, it means I'm not alone
- n. Sad, they're not doing well
- o. Embarrassed, I had a bad day
- p. Excited to talk to them
- q. Vulnerable
- r. Comforting, we share experiences

Final Questionnaire

Lennar Foundation Medical Center

13. In this room what would you prefer to do? (Circle all that apply)

- a. Sleep
- b. Read
- c. Write
- d. Color
- e. Watch TV
- f. Be on your phone
- g. Talk
- h. Rest



14. How do the size of the buildings compared to your height make you feel? (Circle all that apply)

- a. Welcomed
- b. Important
- c. Enclosed
- d. Claustrophobic
- e. Impressive, leave you in awe
- f. Interested
- g. Uncomfortable
- h. Insignificant
- i. Does not matter/I don't care

15. How do the following images make you feel? (Circle all that apply)

- i. Calm
- j. Tired
- k. Energized
- l. Inspired
- m. Welcomed
- n. Anxious
- o. Stressed
- p. Happy
- q. Sad





Final Questionnaire Data Collection

Lennar Foundation Medical Center

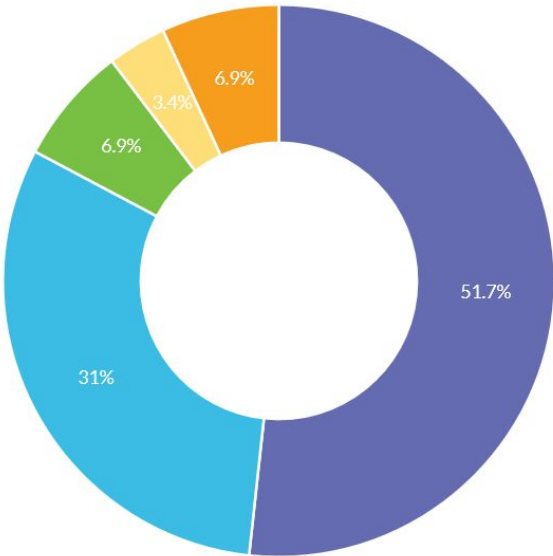
Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q1

During any treatment, do you prefer to have access to daylight?

Multiple Choice

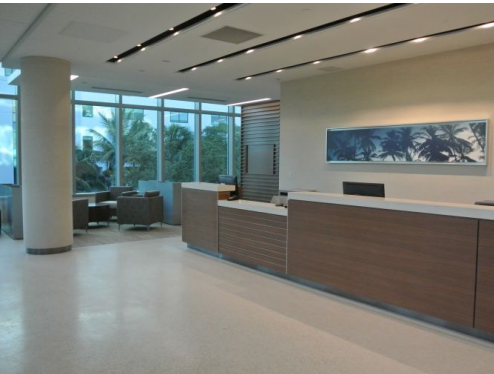


Choice	Total
Yes	15
Depends on my mood	9
Depends on the weather	2
No	1
It doesn't matter	2

Q2

Based on these images, on a scale from 1 to 5. How comfortable do you feel? (1 not comfortable at all - 5 very comfortable)

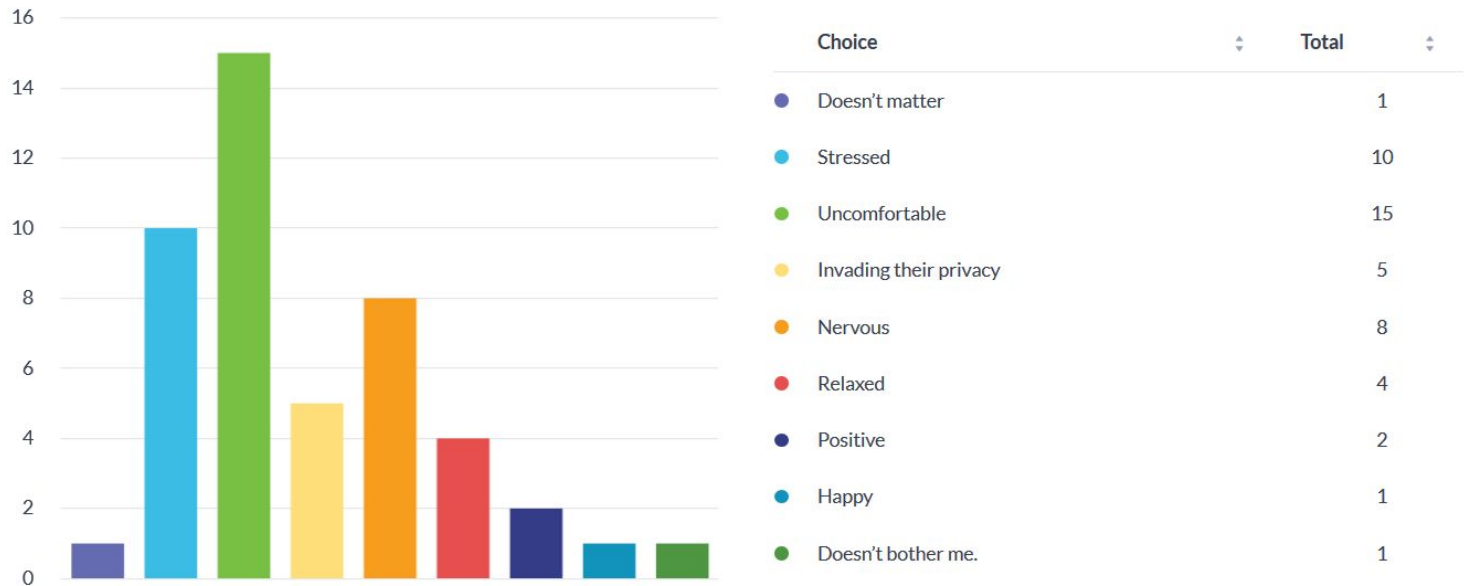
Scale



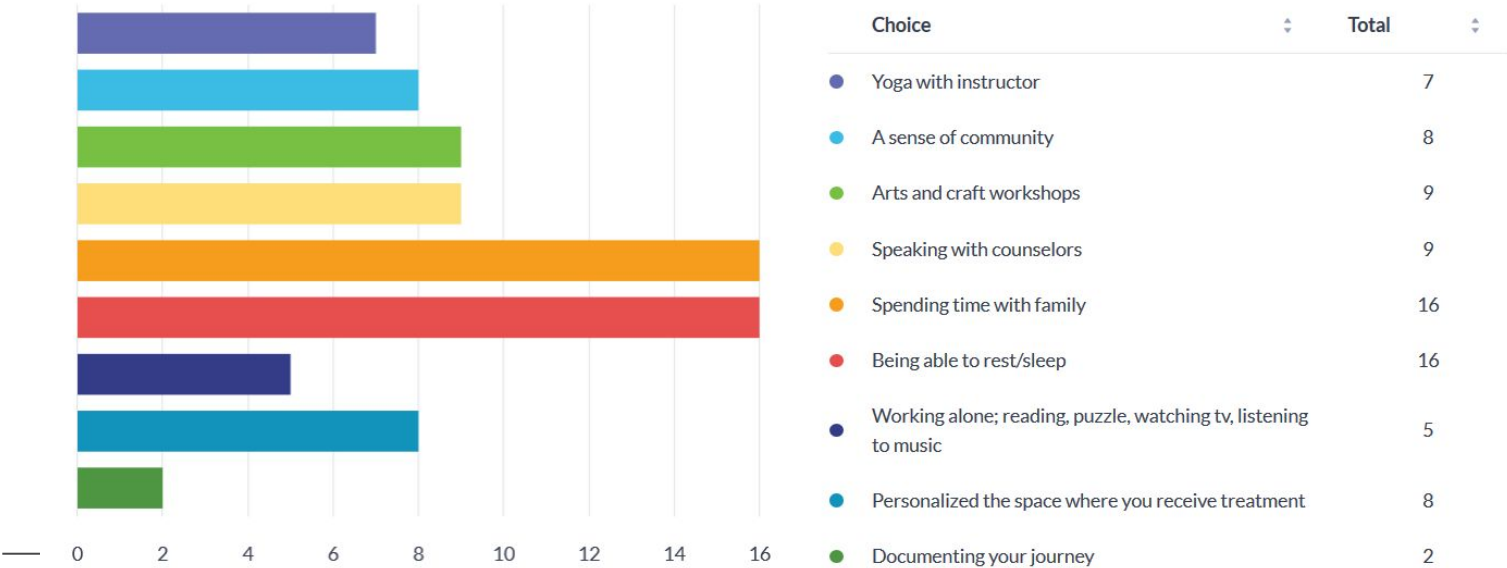
Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q3 How does hearing the surrounding sounds (cars, chatter, equipment) make you feel? (Circle all that apply)
Multiple Choice



Q4 During your treatment what do you find the most meaningful? (Circle all that apply)
Multiple Choice



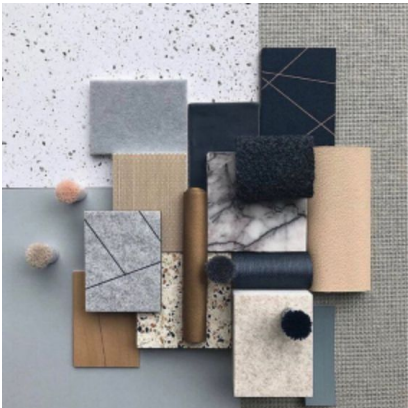
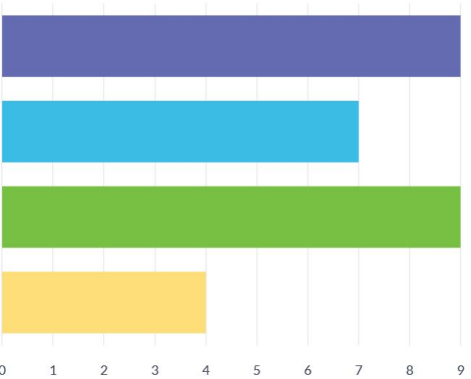
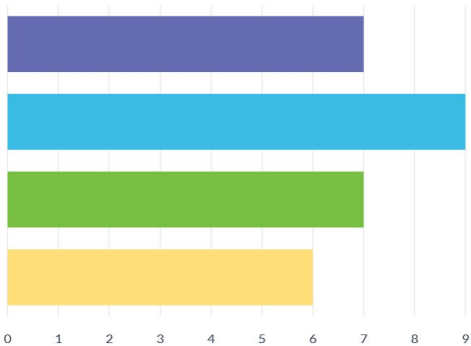


Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q6

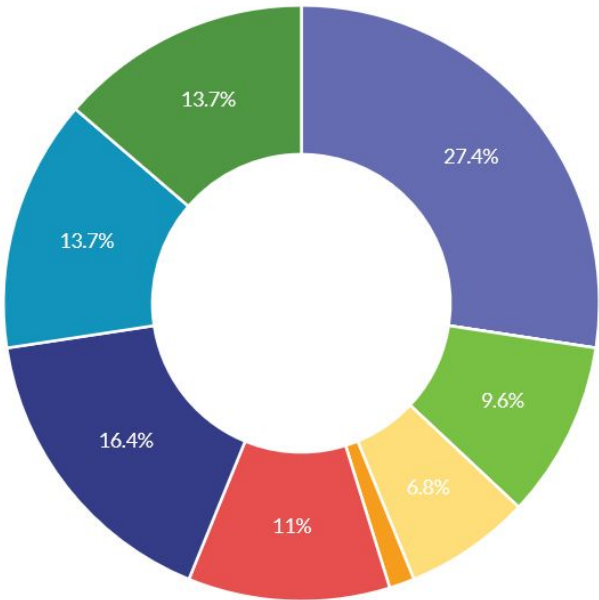
Rate the following material samples in order of preference 1 (Most Preferred) 2(Preferred) 3(Somewhat Preferred) 4 (Not Preferred)) for rooms where you receive treatment



Q7

During treatment what would you rather have in the room? (Circle all that apply)

Multiple Choice



Choice	Total
Access to a window	20
No window	0
Art with natural landscapes	7
Abstract art	5
Animal related sculptures	1
Colorful decor	8
Music playing	12
Natural sounds such as a (water stream, or leaves swaying	10
Having plants in the room	10

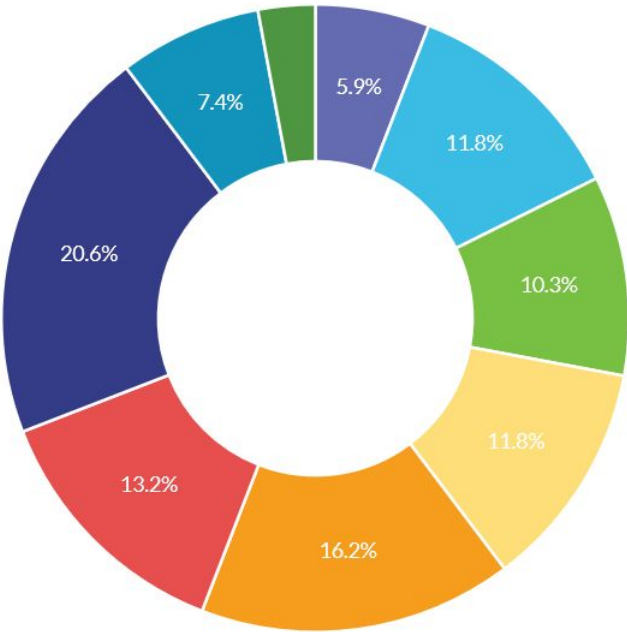
Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q8

During treatment what are you most sensitive to? (Circle all that apply)

Multiple Choice

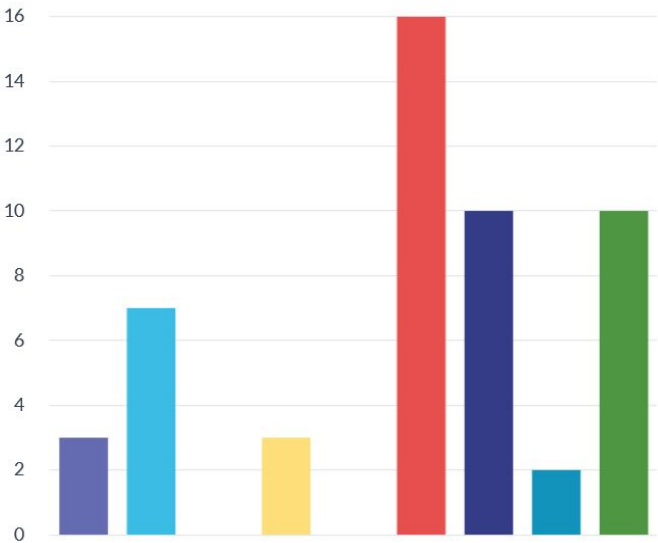


Choice	Total
Specific smells such as flowers	4
Amount of light in your room	8
Hearing equipment	7
Heat indoors	8
Dark rooms	11
Hearing other patients	9
Feeling alone/isolated	14
Visual access to your surroundings	5
Nothing	2

Q9

How do the following images make you feel? (Circle all that apply)

Multiple Choice

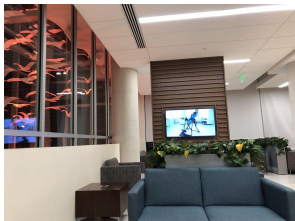
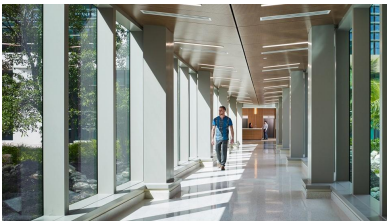


Choice	Total
Calm	3
Tired	7
Energized	0
Inspired	3
Welcomed	0
Anxious	16
Stressed	10
Happy	2
Sad	10

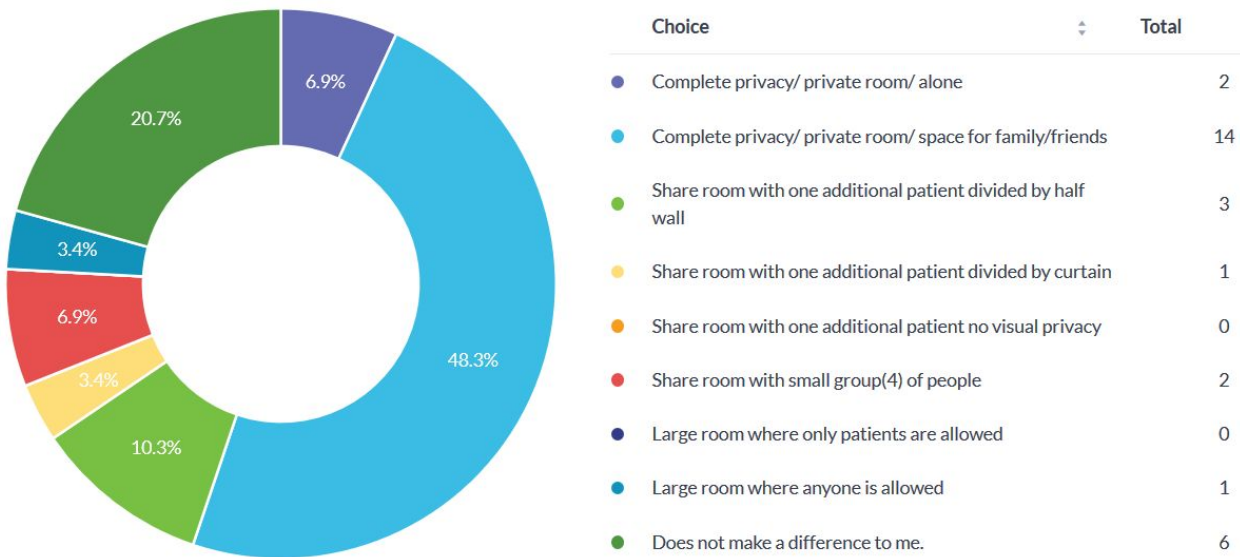


Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)



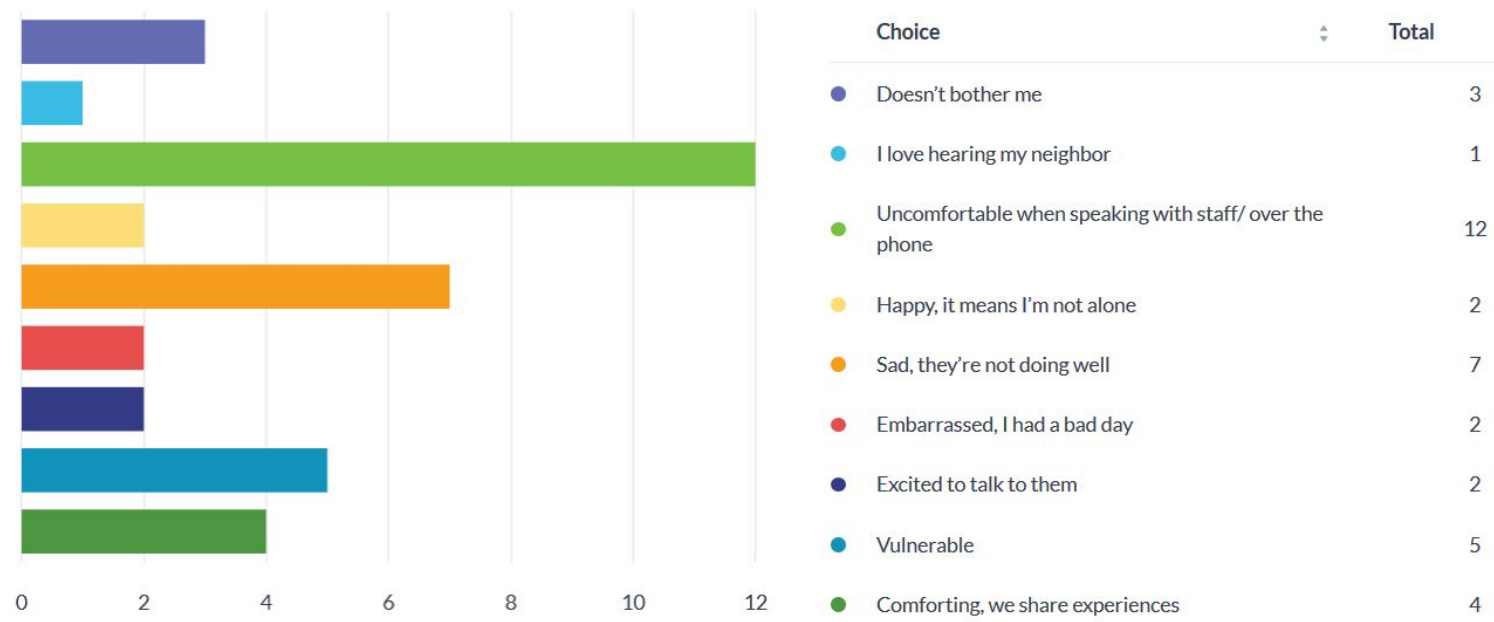
Q11 What is the level of visual privacy you desire while receiving treatments? (Circle best choice)
Multiple Choice



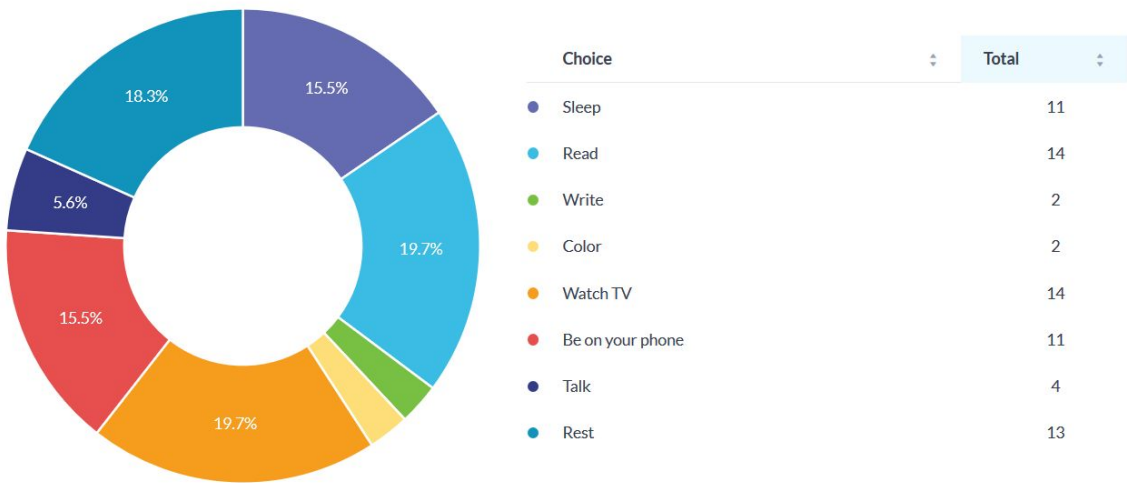
Final Questionnaire Data Collection

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q12 During treatment, you can hear your neighbor and they can hear you. How does that make you feel? (Circle all that apply)
Multiple Choice



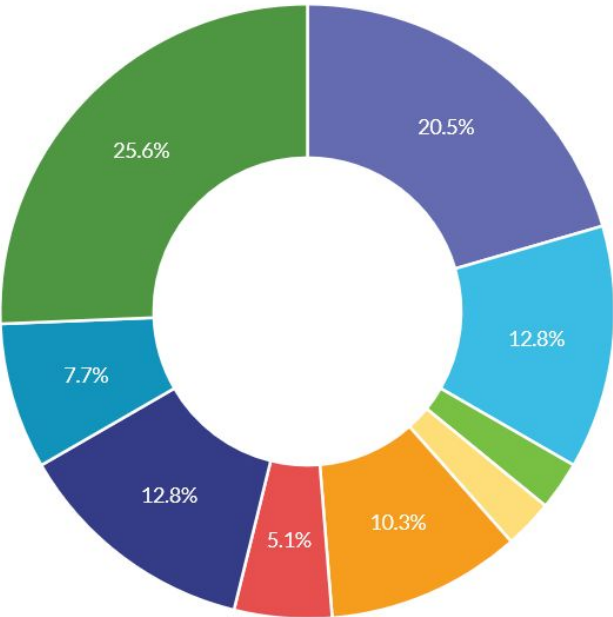
Q13 In this room what would you prefer to do? (Circle all that apply)
Multiple Choice



Final Questionnaire Data Collection

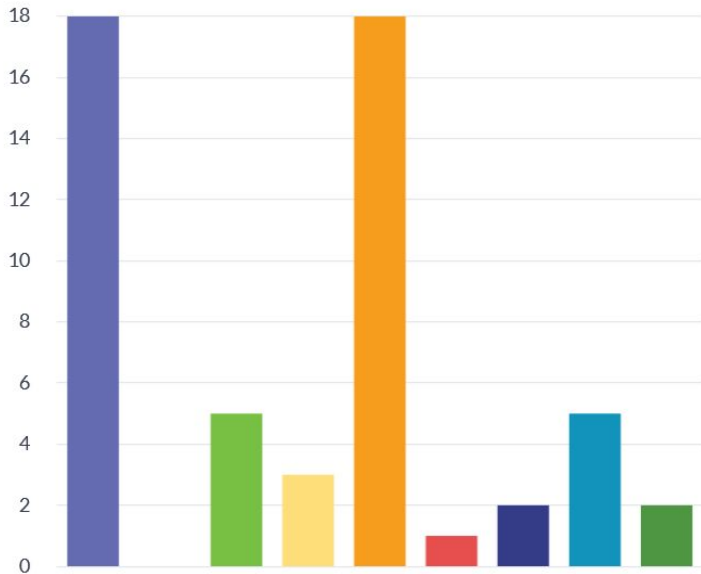
Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Q14 How do the size of the buildings compared to your height make you feel? (Circle all that apply)
Multiple Choice



Choice	Total
Welcomed	8
Important	5
Enclosed	1
Claustrophobic	1
Impressive, leave you in awe	4
Interested	2
Uncomfortable	5
Insignificant	3
Does not matter/I don't care	10

Q15 How do the following images make you feel? (Circle all that apply)
Multiple Choice



Choice	Total
Calm	18
Tired	0
Energized	5
Inspired	3
Welcomed	18
Anxious	1
Stressed	2
Happy	5
Sad	2





Final Questionnaire Data Analysis

Lennar Foundation Medical Center

Lennar Foundation Medical Center (BASED ON 29 PARTICIPANTS)

Final Questionnaire Data Collection Analysis

Q1. Question 1 tries to answer