**PROJECT DESCRIPTION:**

**Virtual Environment Treatment (V.E.T.)**

**CONCEPT**

- **Environment & Disease**
- **Sub-health & Prevention**
- **Medical resource & Site**
- **Treatment & Maintenance**

**PROJECT**

- **A Hall**
  - Surface area comparison
  - Central treatment

**Saving in material**

- Inflatable & portable
- Combination therapy

**The appearance of sub-health**

- 75% of people suffer from sub-health, distinguishing health and disease.

**The deterioration of environment**

- Nowadays, environmental degradation has not been brought under control as we imagine.

**Future**

- 2050

**Design Notes:**

In recent decades, the diseases caused by environmental deterioration continue to challenge the medical industry. The uncontrollable deterioration of the environment means that the future medical industry will continue to face the challenge. Fortunately, the development of science and technology brings opportunities for it. Our project uses science and technology to compensate for the environment and proposes a new model - "Virtual Environment Treatment and Maintenance" to prevent and treat the diseases caused by the environment.

**ENVIRONMENTAL DETERIORATION**

- **Disease & Death**
  - Smog Incident in Meuse Valley
  - Los Angeles Smog Incident
  - Bhopal India incident
  - Chernobyl incident

- **Pollution from developing country to developing country**
  - Disease: 20,000
  - Death: 8000

- **1930**
  - the great smog of London
  - Death: 4000
  - Disease: 8000

- **1948**
  - Death: 20
  - Disease: 600

- **1952**
  - Disease: 1000

- **1955**
  - Disease: 30,000

- **1956**
  - Disease: 1000

- **1964**
  - Disease: 1000

- **1970**
  - Disease: 1000

- **1977**
  - Disease: 1000

- **1984**
  - Disease: 1000

- **1986**
  - Disease: 1000

- **1995**
  - Disease: 34
  - Death: 5000

- **1996**
  - Disease: 1000

- **2000**
  - Disease: 1000

- **2006-2007**
  - Disease: 1000

- **2017**
  - Disease: 1000

- **2050**
  - Disease: 1000

**The great smog of London**

- Death: 4000
- Disease: 8000

**Los Angeles Smog Incident**

- Death: 34
- Disease: 5000

**Bhopal India incident**

- Disease: 1000

**Chernobyl incident**

- Disease: 1000

**Pollution from developing country to developing country**

- Disease: 20,000
- Death: 8000
Introduction on meeting various needs

Taking the future co-living mode of different types of people including all status of people in society into consideration, we took out a brand new healing node that suits different groups of people. Our ball can carry out various types of tactile combinations in order to provide better treatment to meet all the needs of every kind of people. To solve the problem that nowadays’ resource of hospital is seriously not balance from place to place, our ball can reach a goal that re-distribute the resource and let everyone has a chance to enjoy a high-quality-treatment.

Introduction on scenes

1. In recent years, depression is a very large group especially between the youngers, they are just somebody who face with stress all the time: living lonely, unhappy, or indifferent. Most of them are afraid of closing others, but it does not mean they don’t need care. We can supply a new space to try in a gentle way. The virtual environment gives them more chance to contact socially. The tactile in the ball will create contact simulation. And when the ball is sending to the people.

2. Some of the office desk working time working in office and lacking of sporting may cause sub-health. They need to build up their body but the gym is too far from their office. Our ball can provide a easy-reaching gym that changing tactuals can create sporting place like Yoga, swimming.

3. Some senior citizens maybe they are bored and lonely at home because of their son or daughter may went to work at daytime. The ball can help them by initiating the environment in different place (forest, mountain, maybe meet their spouse) through the VR glasses and changing the inner temperature, humidity. It can make the lonely old people not so alone at home.

4. This scene shows that a pregnant woman who is about to born a baby, she can have a psychological healing in the ball. The tactuals can fix themselves into a best shape for pregnancy. Once the pregnant woman is going to born the ball can send both she and his husband to the hospital.

5. To those people who are actions, our ball can help them with their recovering by using the ball to support them, and with the slow movement of tactile, they can do the recovering action passively.

6. The scene shows that as the baby is borned, our ball which providing a soft and suitable environment by changing the soft tactuals into needed shape has great adveture for the baby’s growth. As the baby grows up, the ball can provide a comfortable inner room for the baby to jump and climb. It can also let the baby fastly learn how to walk by letting the baby imitate how a maternal person walk.

Space for treatment

Obviously that the ball is better for the voice’s reflection and as the treatment begins, the space in the ball becomes smaller so it can effectively save the medicine and the energy.

Device details drawings

- Voice
- Gas

- Integrated lighting management
- Smart door with pushing technology
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