Cancer Center Amsterdam

designing stress releasing spaces in relation with the outside nature
user perspective
Research topic
How to create spaces that help to reduce the stress experienced by the patients and families?
specialist cancer hospitals
communal care centers
medical care

psycho-social care

patient
medical care

psycho-social care

patient
A cancer center involving chemotherapy, primary care, psycho-social care
specialist care

primary care

psycho-social care

programs

Entrance hall
as an information center with auditorium, exhibition hall and cafe

Sharing area
Library and living spaces to spend daily life
Art workshop as creative therapy

Living area
choose between open and private places to retreat and meditate

Therapy space
Places of different levels of privacy so that people choose where to stay
Design theme (architecturally)

1. Connection to the outside world for positive distractions

Architectural concept
Design theme (architecturally)

2. Ensure spaces of different privacy for people to choose freely

It’s a way to mediate programs and also a way to control stress
2

urban context
Florweg, Amsterdam North
3

concept
main intention

is to make use of the existing natural elements (including trees, sloping topography) and further to create diverse interactions between the inside and outside.
courtyard type

stretching the volumes to get close to the trees, the grass slopes, so that they can contain the bycicle path and make natural elements more important

adapting edges to make soft boundry and intimate interaction
contradiction between the building volume and the natural elements
There is a dramatic difference between the situations on the two side, one is more urban, the other is more natural, which means the building in the middle has to make a transition between two sides.
Entrance hall
as an information center with auditorium, exhibition hall and cafe

Sharing area
Library and living spaces to spend daily life
Art workshop as creative therapy

Therapy space
Places of different levels of privacy so that people choose where to stay

Living area
choose between open and private, places to retreat and meditate
Social care

Entrance hall as an information center with auditorium, exhibition hall and cafe

Primary care

Sharing area
- Library and living spaces to spend daily life
- Art workshop as creative therapy

Specialist treatment

Therapy space
- Places of different levels of privacy so that people choose where to stay

Living area
- choose between open and private, places to retreat and meditate

Public

Entrance hall

Sharing space

communal

Private

Entrance hall
Entrance hall
as an information center with auditorium, exhibition hall and cafe

Social care

Sharing area
Library and living spaces to spend daily life
Art workshop as creative therapy

Primary care

Therapy space
Places of different levels of privacy so that people choose where to stay

Specialist treatment

Living area
choose between open and private, places to retreat and meditate

Public

communal

Private

Sharing space

Thrapy/Living area
4

sequence of space
defining spaces
experience and atmosphere
defining spaces

1. connection to the outside
2. privacy gradient
3. materials and atmosphere
4. activity (what's happening)
Separated but also visually connected.

Multifunctional spaces.
individual group room

chemotherapy room shared by 2 or 3 group room
transition space in the balcony
detailing
structure & construction
therapy room
detailing
climate design
natural light
sun shading in summer
solar heating in winter
spring and autumn
cross ventilation
mechanical ventilation
natural ventilation in entrance hall supplemented with mechanical ventilation
Thank you