CONVERTIBLE HOSPITAL

CONCEPT
Bumppuzzle is a precious Chinese traditional wood craft, craftsmen always used this tenon as an artform. The idea comes from wooden structure of buildings. Offering a transformed hospital brings light to war areas. When wars happened, vertical hospitals were able to scale down into the ground at the first time. The rescue modular block would be delivered to war areas by helicopters.

FUNCTIONS
The design type of modular units is as same as the Bumppuzzle which has six blocks of wood tenon. Those six types of blocks could be assembled as particular in rescue room, surgery room, recovery room, classrooms, connecting corridors. The block of lightweight material which can be separated anytime.

BACKGROUND
- Every year there are 10,000 people at least killed in the war.
- Among 1,000 to 9,000 people may die in wars and conflicts every year.
- Fewer than 1,000 people are killed in conflicts every year.
- There are few conflicts that kill fewer than 100 people every year.

DEVELOPMENT PROCESS AXIS
- No war happen
- War occurred
- Battlefield rescue
- Hospital established

- Research project
- Medical supply
- Medical assistance
- Medical delivery

- Disaster area
- Shrink protection
- Shrink shelter

- Modular units delivery
- Medical assistance in war areas
- Medical delivery

- Hospital expand delivery
- Local resources

Classroom
In the absence of war, the upper block space could be used as a place to educate residents medical knowledge.

Emergency room
Equipped with lightweight emergency rescue room in each side, it could be delivered faster and easier to war areas as a new independent first aid station.

Mobile channel
Use the mobile channel in the cross of center, the transport channel of vertical and horizontal move at the same time to for a rapid rescue.

Recovery room
The sunlight would shine through the recovery room as an outdoor for delighting patients.