



Photo: Harel Gilboa



## SZMC Helmsley Cancer Center

### Jerusalem, Israel

The extension to the Shaare Zedek Medical Centre, designed by Canadian star architect Tye Farrow, impresses with several visible details: as the first timber construction of its size in Jerusalem, it stands out simply because of its chosen design. The importance of architecture for well-being is becoming increasingly recognised in the healthcare sector. The SZMC Helmsley Cancer Centre is shaped like a butterfly, whose wings are formed by 350 m<sup>3</sup> of precision-engineered laminated larch timber. The butterfly symbolises the transformation from one (health) state to another. Wood, as a 'warm' material, supports the concept of health-promoting architecture in this building and is also used in the interior for this reason.

The 16-metre-high wooden structure is designed to convey hope and optimism to the outside world and to give patients a feeling of stability, security and calm during their treatment. It is an example of how appealing the combination of health and architecture can be.

## Technology Award

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WIEHAG for timber construction

## Companies involved

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### Architecture

- Farrow Partners Architects
- Rubinstein Ofer Architects

### Client

- Margolin Brothers Facts

## Facts

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### Hospital

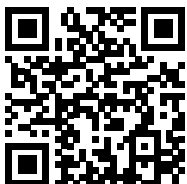
- Completed in 2023
- Total area: 12,000 m<sup>2</sup>

### Environmental aspects

- First large timber construction in the area
  - High degree of prefabrication of timber elements, resulting in fast construction time
  - Comprehensive energy monitoring
  - Irrigation system and water-saving fittings and toilet facilities to minimise water consumption
- Key figures

### Key figures

- 350 m<sup>3</sup> of glued laminated timber elements made of larch
- Roof covering made of 560 m<sup>2</sup> of spruce cross-laminated timber elements
- 16 m high timber construction



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