



Tel Hashomer Medical Research, Infrastructure and Services Ltd.

Technology Transfer Company of Sheba Medical Center

<http://rnd.sheba.co.il/>

Business:

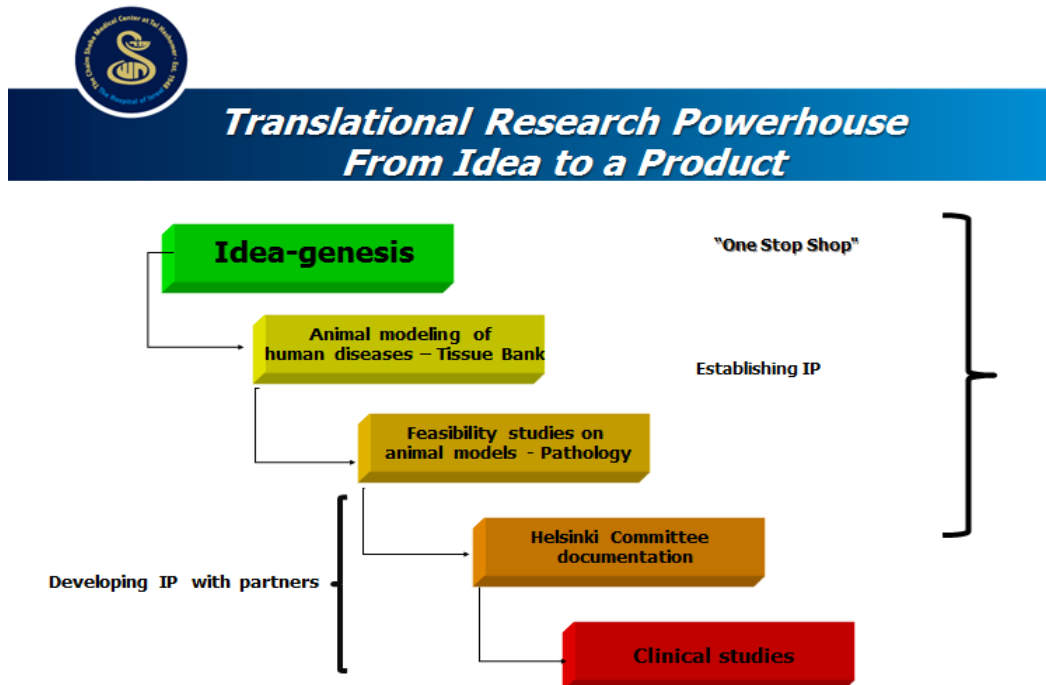
Tel Hashomer Medical Research, Infrastructure and Services Ltd. (THM) the Technology Transfer Company of Sheba Medical Center, is responsible for managing the intellectual property assets of Sheba Medical Center, and six additional Israeli Hospitals, to promote the transfer of technologies, innovation and professional know-how for society's use and benefit, and for the development of the medical and health care delivery fields. Sheba Medical Center facilities, experience, human resources and regulations enable the development of a novel idea from its basic science to its product development and prototype, thus rapidly generating value to its IP for commercialization.

Tel Hashomer Medical Research, Infrastructure and Services Ltd. is a Lateral Technology Transfer Company for the following Medical Centers:

- ✓ **Sheba Medical Center**
- ✓ **Ministry of Health – Central Laboratories**
- ✓ **Barzilai Medical Center**
- ✓ **Ziv Medical Center**
- ✓ **Galilee Medical Center**
- ✓ **Wolfson Medical Center**
- ✓ **Mental Health Center**



Medical Research at Sheba Medical Center is a one stop shop, starting from an idea – genesis at the bed site, and end as a product for the bed site:



Making a Difference in Treating Human Diseases

Bedside

Clinical Problem

Clinical data
Pathophysiology
Diseases
Family traits

Bench

Problem - Solving Team

Tissue bank and biological samples
Genomics and bio-informatics
Transgenic animal models
Stem cell
Medical imaging tools
Health IT and informatics
Comparison medical research
Preclinical studies - animal models
Animal surgery rooms

Bedside

Clinical application

Final prototype
Clinical trials
Product



Clinical database

Our Main Activities:

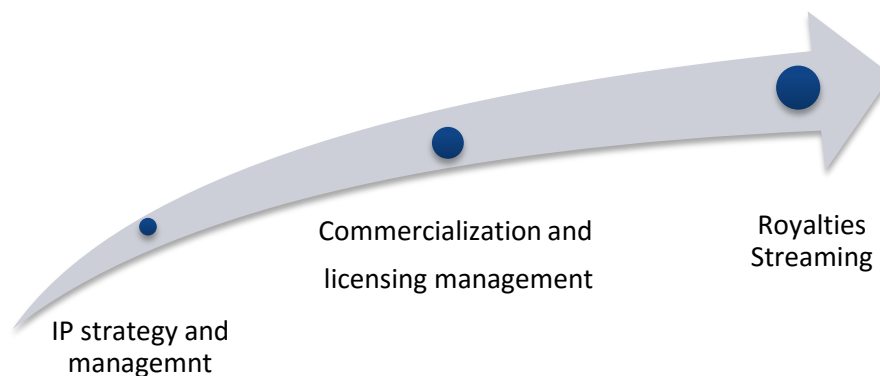
Scientific insights and academic breakthroughs often translate into inventions for the benefit of the marketplace. THM bridges the gap between Academia Research and Industry Needs, since the industry is product-based, business-oriented, and focused on time-framed missions, THM helps turn scientific progress into tangible products, while returning income to the inventor and to Sheba Medical Center to support further research.

THM receives invention disclosures from faculty, staff and students. We evaluate the innovations for patent applications and develop licensing strategy, consider the technical and market risks.

Patentable inventions constitute the majority of THM's licensing activities; however, we also handle collaborations with industrial partners and Tangible Research Property (TRP) such as Tissue Bank, Genomics and Bio-Markers, Cell Therapy, Computational Imaging and more.

THM builds a well-structured and organized “value creation” model, as well as several business models pending on industry: (Health IT, Medical Devices, Bio-Medical,) and on entity (start-up, SME and Big Entity/ Pharma).

THM has several strategic support plans such as the “Micro Fund” and strategic collaboration with other research institutes and industry to facilitate invention development.



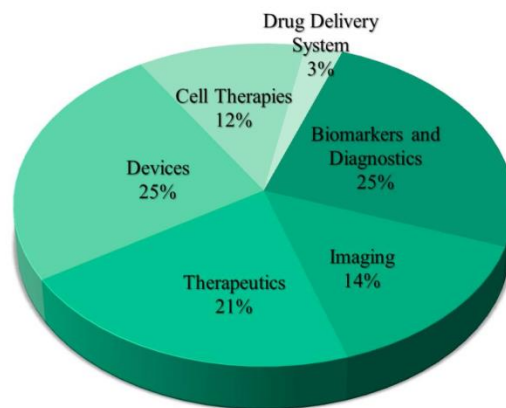
THM Strategy and Principles leading to Success Stories:

- ▶ We bridge basic research to commercial Value
- ▶ We develop close interaction with researchers and industry
- ▶ We Build Strategic Capabilities
- ▶ We are a “Learning Organization” and Flexible Organization
- ▶ We understand the stakeholders need and Value creation
- ▶ We Build Collaboration & Alliances
- ▶ Our stream: Identify Need from the bedside, Basic and applicable Research-



- ▶ We develop broad and Multi-national view

THM Intellectual Property's Portfolio spans over therapeutics, diagnostics, medical devices and medical tools in the fields of Onco-Genetics, Hemato-Oncology, Epidemiology of Malignant Diseases and Trauma, Lipids, Diabetes, Hypertension, Onco-Surgery , including research in Breast and Colon Cancer, Regenerative medicine, Immunology, Neuro-Immunology, Alzheimer's Disease, Multiple Sclerosis and Psychiatry.



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