

Curriculum Vitae

Name: David Michaeli (Mikhelashvili)

Year of Birth: 1949

Place of Birth: Georgia (Former Soviet Union)

Immigrated to Israel: 19/05/93

Status: married, 3 children

Languages: Georgian - mother tongue, Russian - like mother tongue, Hebrew - fluent, English - fluent.

Profession: Neurosurgery, brain, spinal cord and peripheral nervous system operations, MRI, CT, Multiaxial Echoencephalography, Non-invasive quantitative and qualitative ICP measurement. Minimally Invasive Neurosurgery- MIN, Endoscopic Neurosurgery –EN.

Professional Experience:

2000-2008 NEUROSURGEON, Rabin-Beilinson Medical Center, Tel Aviv University Medical School , **Petach Tikva, Israel**

2000- President of Inta-Medics Ltd. External consultant of Rabin Medical Center, Neurosurgical Department, Tel-Aviv University Medical School.

1997- Full member of International Academy of Natural and Social Sciences, Moscow Branch.

1995-99 Professional Practice at Rabin Medical Center, Neurosurgical Department

1994- Professional observation at Rabin Medical Hospital, Neurosurgical Department and reception of Israeli's practicing license.

1993- Clinical Trials for Roga Ltd. (electromagnetic pain reduction device) at Ashkelon Technological Industries Ltd and member of World Congress of Neurosurgery.

- 1982-92 Head of Neurosurgical Department at Clinical Hospital, in Kutaisi, Georgia.
- 1984-93 Establishment and operation of Private Clinic for pain management,
1984-94 in Kutaisi and Tschakaia-Senaki, Georgia.
- 1991- Advertised article in 9th European Congress of Neurosurgery. Received highest degree and distinction in Neurosurgery by the Ministry of Health, in the Georgian Republic.
- 1981-82 Advertised Dissertation (Leningrad Institute of Neurosurgery) and received a degree of research scientist in Neurosurgery (PH.D.).
- 1997-81 Professional Practice at Leningrad (St.Petersburg) Scientific Research Institute of neurosurgery, in the name of Professor Polenov.
- 1975-77 General Surgeon at Leningrad Regional Hospital, in the name of the October Revolution.
- 1973-74 Specialization in General- and Neuro-surgery at Leningrad Regional Hospital.
- 1973-75 Medical degree- MD at 1st Leningrad Institute of Medicine, in the name of Professor Ivan Petrovitsch Pavlov.
- 1956-66 Elementary and High School in Tschakaia (Senaki), Georgia. Graduating with highest Honours (gold medal).

Inventions:

1. **Tissue Resonance Analysis (TRA) – device and method for extracting information from various human tissues** (2000) –USA, PCT Patent
2. **Non-invasive ICP monitoring** – device and method (1999) – USA Patent ,PCT, No. 09/307,568. WO00068647A2
3. **Ultrasound Pulsatility Imaging** (1999) – USA,PCT,Israel Patent 98177-IL, WO00057766A3.
4. **Concentric expanding retractor for Minimal Invasive Surgery (MIS)** (1999) – USA, Israel, PCT, WO 00103586A1 (01.18.01)

5. **Non-invasive diagnosis of migraine** (1998) – US Patent
6. Received United Nations' Flag Technologies Prize for the project "**Echopulsography**" (1997).
7. Inta-medics Ltd. launched the project "**Echopulsography**" within the framework of Office of the Chief Scientist (OCS), Ministry of Trade and Industry, Israel, at Ashkelon Technological Industries (1995-97).
8. **Method of Measuring Extracerebral Intracranial Pressure** – method (1983) – USSR Patent N 1022698.
9. **Non-Invasive Method of Determining Subdural Intracranial Pressure** – device and method (1981) – USSR Patent N 904670.
10. Multiaxial Echoencephalography – method (1980) – USSR Patent N 753426("method of determining the position of the ventricles of the brain").
11. **Diagnostic method of Intracranial hemorrhages with MRI** (Application and Priority 1974, Patent received 1985) – USSR Patent N 1223887.
12. **Awarded Prize of UN FLAG TECHNOLOGY for development of new device for headaches and Migraine diagnosis, 1998**

Awarded Prize of American Association of Neurosurgeons(AANS).

TRA on non-invasive monitoring and measurement of ICP,

April 2001, Toronto, Ontario, Canada.

Attachments:

List of Scientific papers, written between 1974 and 2008.