

RESUME

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Me, Sergey Aleksandrovich Matasov, received a diploma in general medicine in 1972. Worked as a practical surgeon, then achieved the foundation at the Riga Medical Institute (RMI) of the scientific-research laboratory "Development and research of intestinal intubation methods"; 12-years investigations are reflected in the monograph "Problems and prospects of intestinal intubation", which became the basis for the development of the original methods in gastroenterology.

After the separation of Latvia and the liquidation of the RMI research sector was working as a practical doctor again and in 1997 founded the research-and-development institution "Contra Cancrum Coli" (Against colon cancer); in its portfolio today there are 4 pioneer themes:

- **Aseptic method of flexible endoscopy** or How to avoid patients' cross-infection during colono-, gastro-, duodenoscopy.
- **Antegrade method of colon lavage** or Preparation of mucous for urgent colonoscopy and colon resections.
- **Amanual method of intubational colonoscopy** or Self-moving colonoscope
- **Antiseptic method of 1-moment colon resection** or Colon resection at ileus without unloading surgery.

The basis of these methods is a new medical equipment; it has received 17 patents, including patents of Russia, Europe, Canada, Israel, China, Japan. Taking into account the huge and often unjustified material costs of patenting and, most importantly, the unreliability of such protection of inventions against unscrupulous partners and competitors, I do not disclose the most current technical solutions of the methods; they will remain know-how until reliable investors and adequate financing will be available.

The actuality of new methods reflect about 30 abstracts of foreign conferences, more than 40 presentations, reports, demonstrations of devices at international scientific forums and exhibitions. In this regard, there should be highlight:

- Prize of the Academy of Sciences and the Patent Office of Latvia.
- Invited lecture at UEGW (Madrid).
- The Fresenius Erfindermesse award at the MEDICA (Düsseldorf) exhibition.
- Medal of Maria Skladowska-Curie of the Polish Association of Inventors.

The work is reflected in more than 70 publications, the latter one - Aseptic method of infectious safety of gastrointestinal endoscopy - was presented in Madrid on September 12, 2014 at the 3rd World Congress on Clinical Safety.

In 1988 worked as a surgeon on the earthquake in Armenia; from June 2014 during 40 months was in DPR, in particular in Slavyansk, Shakhtersk, then engaged in humanitarian activities in Donetsk; there was developed the Method of safe operative access to radiopaque foreign bodies - splinters.