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Patients recruitment and retention: *practices to improve patient recruitment from a network's perspective*



The Children's Memorial Health Institute

The Children's Memorial Health Institute (CMHI) - largest tertiary referral paediatric hospital in Poland & a research institute (A category) contributing to modern paediatrics.



The Children's Memorial Health Institute

– basic facts (www.czd.pl)

- 600 beds including 150 surgical and 48 intensive beds (PICU, SICU, NICU)
- each year over 40 000 admissions to hospital wards, 170 000 out-patients consultations + 40 000 day hospitalisations,
- 15 000 general anaesthesia, 10000 major surgical operations
- except hematology and orthopedics all fields of paediatrics are represented in the CMHI
- national paediatric center for LTx (>900), KTx (>1200),
- oncologic patients (solid tumors, 200-220 new patients/year)

The Children's Memorial Health Institute – center of excellence



- Member of 7 European Reference Networks
- Departments of Radiology & Nuclear Medicine – European reference center of Siemens
- Cathlab – reference center of Philips



The Children's Memorial Health Institute – research activities (www.czd.pl)

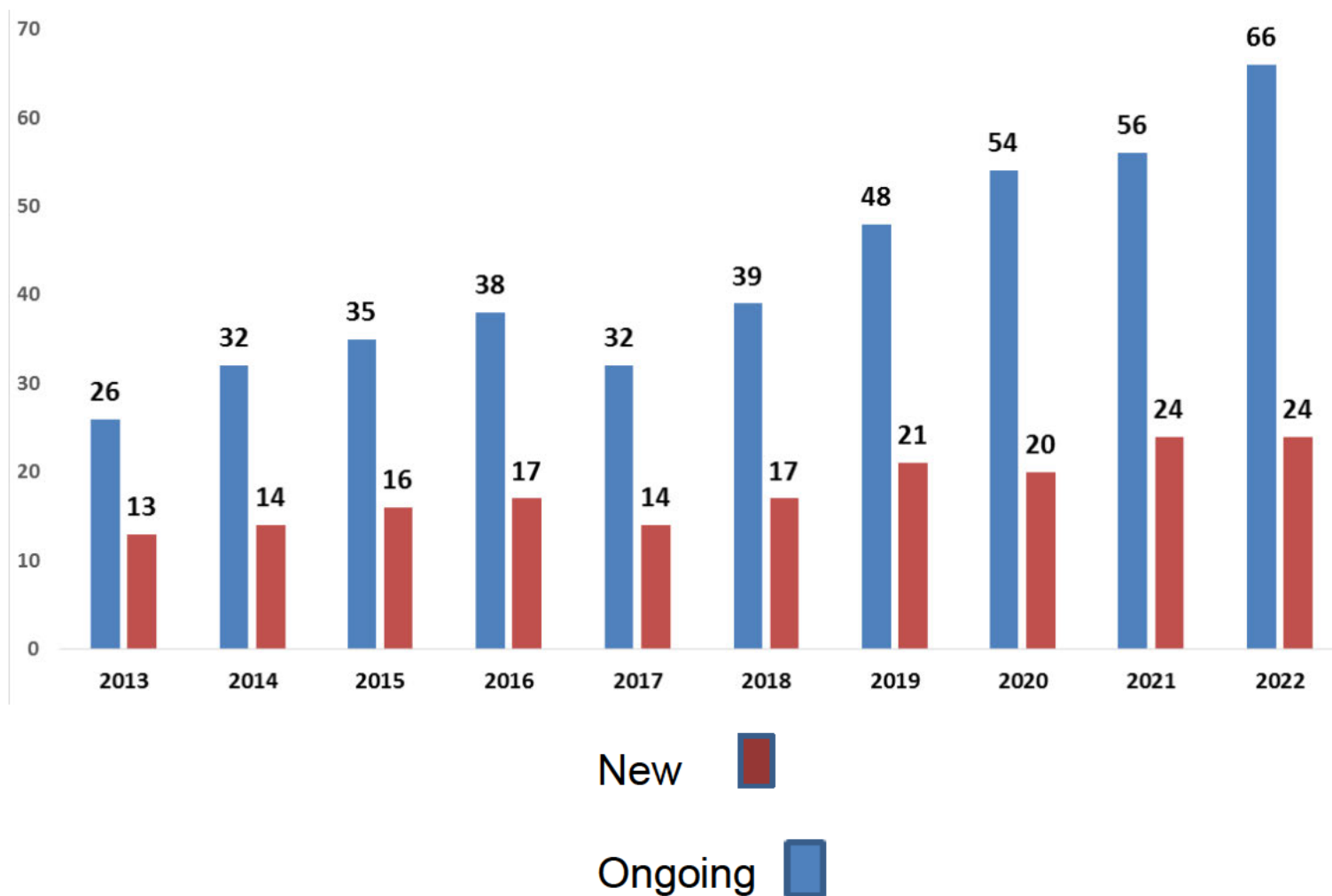
- during last 10 years 109 research projects completed with national sources of financing (Ministry of Education and Science, National Science Centre, The National Centre of Research and Development and foundation, Ministry of Health) and 50 projects with foreign sources of financing (European Commission, European Regional Development Fund, Swiss-Polish Cooperation Program),
- In the field of clinical trials active participation in: GRIP, SMART, TEDDY, EPTRI, c4c

The Children's Memorial Health Institute – center of clinical trials

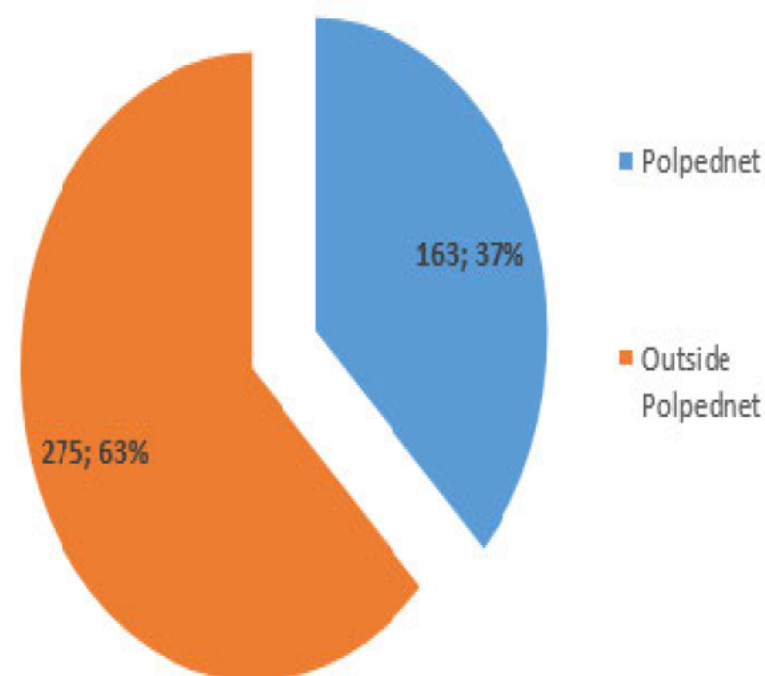
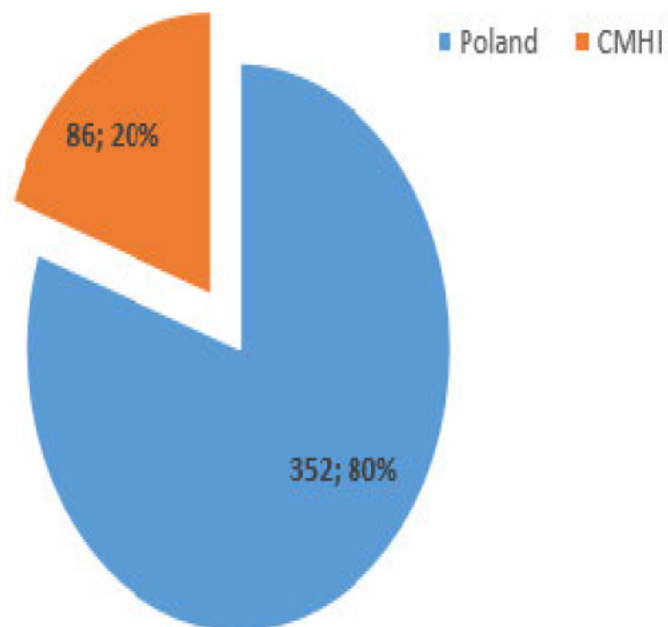
- Since 2017 - co-ordinating center of POLPEDNET
- Since 2018 - National Hub in the c4c
- Since 2018 - member of EPTRI
- Since 2021 – member of the Polish Clinical Trials Network



Clinical trials in the CMHI



Paediatric clinical trials in Poland 2022



Therapeutic areas of clinical trials in the CMHI

- **metabolic diseases** (Gaucher disease, Fabry disease, heterozygous form of familial hypercholesterolaemia, Hunter's disease, Niemann Pick type C disease, Morquio syndrome)
- **diabetology** (type 1 diabetes)
- **endocrinology** (growth deficit, Turner syndrome)
- **gastroenterology** (Crohn's disease, functional constipation, ulcerative colitis, erosive gastro-oesophageal reflux disease, chronic hepatitis, ulcerative colitis, liver transplantation pharmaceuticals, Alagille syndrome, intrahepatic cholestasis, diarrhea caused by Clostridium difficile infection)
- **immunology** (primary functional deficiencies, Ataxia-Teleangiectasia syndrome)
- **cardiology** (pulmonary arterial hypertension, dilated cardiomyopathy, symptomatic chronic heart failure)
- **nephrology** (pharmaceuticals used after kidney transplantation, chronic kidney disease, secondary hyperparathyroidism, hypertension, chronic kidney disease and hyperphosphatemia)
- **neurology** (tuberous sclerosis, giant cell subcranial astrocytoma, epilepsy, multiple sclerosis in relapsing-remitting form, Dravet syndrome, Lennox-Gastaut syndrome)
- **ophthalmology** (bacterial conjunctivitis)
- **oncology** (pharmaceuticals used for cancer chemotherapy, proliferating infantile hemangioma, glioma with high grade malignancy, medulloblastoma, solid tumors, metastatic rhabdomyosarcoma, cell no striation soft tissue sarcoma, Ewing sarcoma, primary malignant neoplasms OUN with high grade malignancy)
- **urology** (overactive bladder syndrome, neurogenic detrusor hyperreactivity)

The CMHI - patients recruitment and retention

- High reputation of the CMHI as a medical and research center
- Qualified, experienced multidisciplinary staff
- Access to patients
- Educational and training activities
- National and international cooperation
- Cooperation with patients/families
- Social awareness
- Clinical Trial Support Unit

The CMHI - patients recruitment and retention

Clinical Trials Support Unit:

- dedicated staff (30 persons)
- out-patient clinic
- laboratory



The CMHI - patients recruitment and retentions

Role of social awareness – ongoing project:



**MALI PACJENCI
W BADANIACH
KLINICZNYCH**

Organizatorzy



KLUB
INNOWATORÓW
DZIECIĘCYCH
SZPITALI

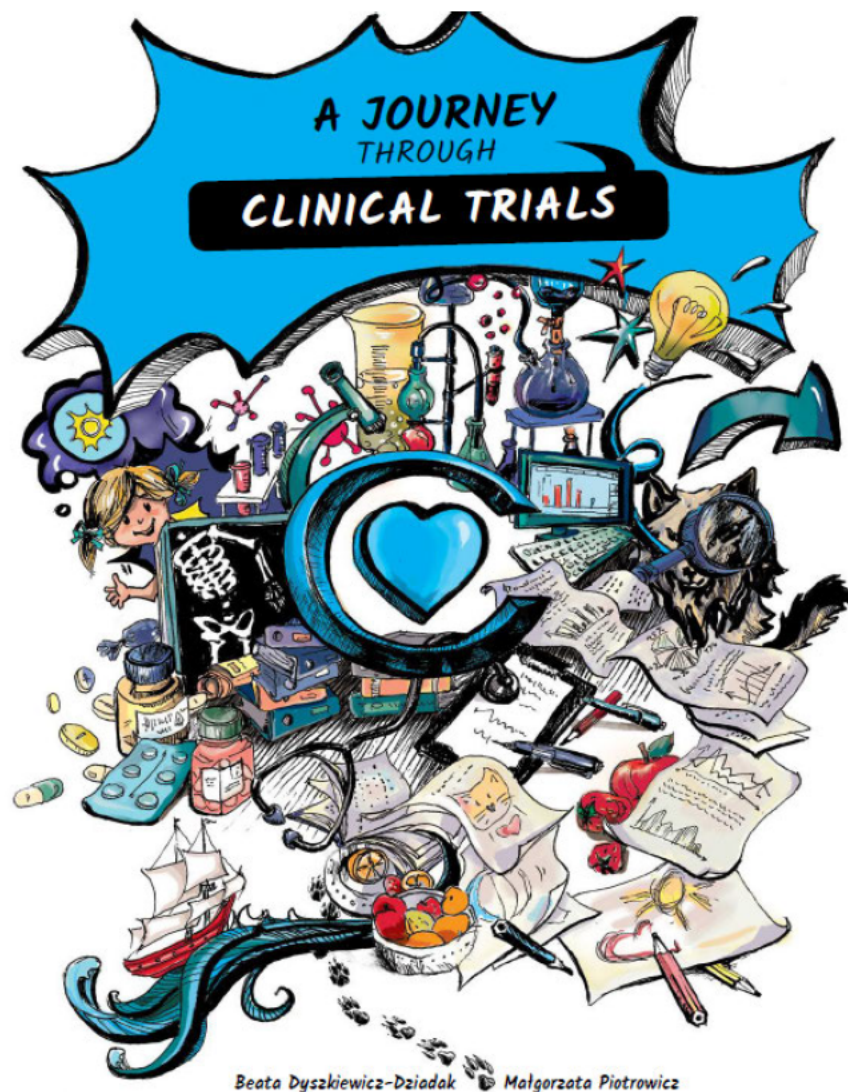


Patroni honorowi



The CMHI – patients recruitment and retention

Social media: a comic book on clinical trials (as part of c4c activities)



Success of the CMHI in the field of CTs

