Judit Nyiro

Tancsics M. Str. 103., Nyúl, 9082 Hungary

nyiro.judit95@gmail.com, +36203125061

Profile

Currently a fifth-year medical student, with a special interest in paediatric haematology and oncology, both the clinical as well as the research aspects of it.

Education

Faculty of Medicine, Semmelweis University, Budapest Sep 2014-

expected date of graduation: June 2021

Revai Miklos Secondary School, Gyor Sep 2010- Sep 2014

Biology and Chemistry A-levels

Clinical experience

Elective placement Jun 2019

Haematology and Oncology Department, Great Ormond Street Hospital, London

Clinical placement Feb 2019

Haematology Outpatient Clinic, Kinderklinik Tübingen

ERASMUS semester Sep 2018- March 2019

Universitätsklinikum Tübingen, Germany

Clinical work Feb 2017- continuously

Paediatric Haematology and Bone Marrow Transplantation Unit, Central Hospital of Southern Pest National Institute of Haematology and Infectious Diseases

Surgery clinical placement Aug 2018

General Surgery Department of Szt. Istvan Hospital, Budapest

Internal medicine clinical placement July 2017

Endocrinology Department of Petz Aladar Teaching Hospital, Gyor

Summer nursing practice July 2015

Urology Department of Petz Aladar Teaching Hospital, Gyor

Research experience

Member of the university's Student Scientific Association

Projects:

• Feb 2015-: Difficulties in communication with parents of paediatric cancer patients during the transition to palliative care

tutors: Dr. Katalin Hegedus PhD (Institute of Behavioural Sciences, Semmelweis University), Dr. Peter Hauser PhD (II.Department of Paediatrics, Semmelweis University)

• Feb 2017- Feb 2018: Infection prophylaxis of children undergoing autologous stem cell transplantation

Feb 2018-: Thrombotic microangiopathy in children after allogeneic stem cell transplantation

tutor: Dr. Orsolya Horvath (Paediatric Haematology and Bone Marrow Transplantation Unit, Central Hospital of Southern Pest National Institute of Haematology and Infectious Diseases)

Conferences and prizes

3rd Prize, Rectoral Competition Thesis 2019

2nd Prize, Semmelweis Annual Scientific Conference 2018, Paediatrics section

3rd Prize, Semmelweis Annual Scientific Conference 2017, Behavioural Sciences section

Frigyes Korányi Scientific Meeting 2018, Clinical Oncology section (presentation)

Annual summer meeting of the Hungarian Paediatric Oncology Network 2017 (presentation)

Awards and honors

Stephen W. Kuffler Research Scholarship	2019
Harry Jellinek Research Scholarship, Ruprecht Karl University, Heidelberg	2019/2020
Mckinsey Next Generation Women Leaders Paris Event Attendee	May 2019
Campus Mundi Scholarship for short study	2019
Campus Mundi Scholarship, Eberhard Karls University, Tübingen	2018

Publications

Nyirő J, Horváth O, Goda V, Kriván G: The role of Mannose-binding lectin in paediatric immunodeficient conditions. Gyermekgyógyászati Továbbképző Szemle (in print)

Nyirő J, Hauser P, Zörgő Sz, Hegedűs K. [Difficulties in communication with parents of pediatric cancer patients during the transition to palliative care]. Orv Hetil. 2017; 158(30): 1175–1181. (IF: 0.349)

Nyirő, J., Zörgő, S., Enikő, F. et al. [The timing and circumstances of the implementation of pediatric palliative care in Hungarian pediatric oncology] Eur J Pediatr (2018) 177: 1173. https://doi.org/10.1007/s00431-018-3170-6 (IF: 2.242)

Language skills

Hungarian native proficiency

English advanced professional proficiency

German professional proficiency

Public activity and interests

Member and President of Committee, Frigyes Korányi College for Advanced Studies

Member of the Budapest Medical Students Association, holding prevention classes, Teddy Bear doctor

Instructor at the Instructor Self- Active Group, Semmelweis University

Volunteering as a Program Cimbora at the Hungarian seriousfun camp

Playing tennis, competing in the local club's tournaments as a club member

Research Interest

Paediatric palliative care is an emerging sub-specialty aimed at the full physical-mental treatment of the child, including support for the family. By definition, it starts at the moment of diagnosis and gets more and more emphasis as the disease progresses. In contrast to recommendations, palliation is still identified as end-of-life treatment in most cases. There has been an ongoing tendency in recent years which endeavours to introduce palliative care as early in the course of the disease as possible, in parallel with curative treatment. According to this model, the palliative team is introduced as a 'support team' or 'outreach team' to the affected family, who are thus in constant contact with them starting from the early days. If, unfortunately, it becomes clear that a child's illness cannot be cured, the trustful relationship developed between the family and the palliative team may make palliaton more effective and make the solution of end-of-life-related issues more straightforward. This setup might also reduce the burden on health care professionals providing curative care.

The aim of our research group (Dr. Katalin Hegedűs, Dr. Péter Hauser, Szilvia Zörgő, Enikő Földesi, Judit Nyirő) is to assess the Hungarian practice of introducing palliation in paediatric oncology. To this end, we conducted structured interviews with physicians working in the Hungarian Children's Oncology Network. Our results, which were also published (Nyirő, et al., The timing and circumstances of the implementation of pediatric palliative care in Hungarian pediatric oncology Eur J Pediatr (2018) 177: 1173.), suggest that late implementation of palliative care still prevails and it is mainly used in case of terminal patients. Due to

the limited availability of a specialised palliative teams, palliation is usually the responsibility of the attending physician.

As a continuation of our research, we are interviewing parents who have lost their children to cancer about the same subject. We hope that the comparison of the results will provide valuable feedback to those working in children's oncology care and will contribute to the creation of a guideline about the implementation of palliative care in paediatric oncology.