



Co-funded by the  
Erasmus+ Programme  
of the European Union

TALLINN HEALTH CARE COLLEGE 



# Introduction about project BANISTER

Grete Eiche  
project coordinator  
Tallinn Health Care College  
Estonia

# Team members

- Estonia:
  - Grete Eiche, BA, OT
  - Hanna-Maria Põldma, MS, OT
- Denmark:
  - Betina Rasmussen, MSc, OTR
  - Julie Broge, MSc, OTR
- Sweden: Marie Holmlund, MSc, OTR
- Finland: Helena Tigerstedt, MSc, OTR

# Erasmus+ strategic partnership project

- Partners met first time in 2018 within the process of EASI International Normative Data Collection
- Planning started in January 2019
- We had 2 months to write the project
- Our project: 140 pages
- Total funding: 254 217.00 €
- Project duration: 36 months

# Background

- Within participating countries, the level of knowledge in the field of sensory integration is very different, variable and unequal.
- Objective - to develop a higher education curriculum for the promotion of knowledge and professional skills within the field of SI to strengthen the ability of OTs to conduct a systematic assessment and provide individually tailored SI intervention within their own countries

# Project goals

1. To create a high-quality SI curriculum and teach OTs to develop their skills in the field of SI
2. To contribute to the validation of the SI evaluation tool, EASI
3. To create an overview of the new evaluation tool EASI
4. To create strong collaboration relationships
5. To align a standard knowledge within the field of SI
6. The ultimate goal is to help children with special needs

# Project activities

1. SI Basic Courses
  - a. Estonia 2020 (Pilot)
  - b. Sweden 2021
  
2. EASI data collection
  - a. EASI study materials development (2021-2022)
  
1. First Baltic-Nordic Sensory Integration Congress (2022)

# SI Basic Course

- 9 ECTS, 3 weeks in total
- Learning outcomes:
  - Student has an overview of neuroscience, sensory integration theory, history and therapy process, including sensory integration assessments, therapy goal setting, therapy planning, and intervention.
  - Student is able to recognize sensory dysfunctions and practise part of sensory integration therapy process in clinical placement.
  - Student is able to evaluate and reflect her learning and is able to identify prioritised research areas in sensory integration.

# SI Basic Course

- Module 1: Typical development and sensory integration theory
- Module 2: Sensory integration assessments and dysfunctions
- Module 3: Sensory integration intervention



### Sensory Integration Basic Course Module 1 timetable

Swedish time	Topic	Lecturer
<b>08.03</b>	<b>Introduction to SI</b>	<b>Sweden, Estonia, Denmark</b>
8:30-9:15	Introduction to the project and course	Grete Anton
9:30-10:15	Basic Concept and history of Sensory Integration	Marie Holmlund
10:30-11:15	Introduction to the nervous system and anatomy	Betina Ada Rasmussen
11:30-12:15	Introduction to the nervous system and anatomy	Betina Ada Rasmussen
12:15-13:15	Lunch	
13:15-14:00	Introduction to the nervous system and anatomy	Betina Ada Rasmussen
14:15-14:45	Introduction to the nervous system and anatomy	Betina Ada Rasmussen
15:00-16:00	Nervous system development from embryo to mature brain	Julie W. Broge
<b>09.03</b>	<b>Neuroscience</b>	<b>Denmark</b>
8:30-9:15	Nervous system development from embryo to mature brain	Julie W. Broge
9:30-10:15	Nervous system development from embryo to mature brain	Julie W. Broge
10:30-11:15	Sensory systems	Betina Ada Rasmussen
11:30-12:15	Sensory systems	Betina Ada Rasmussen
12:15-13:15	Lunch	
13:15-14:00	Sensory systems	Betina Ada Rasmussen
14:15-14:45	Neuroplasticity related to sensory integration	Julie W. Broge
15:00-15:45	Neuroplasticity related to sensory integration	Julie W. Broge
16:00-16:30	Neuroplasticity related to sensory integration	Julie W. Broge
<b>10.03</b>	<b>Neuroscience</b>	<b>Denmark</b>
8:30-9:15	Sensory integration - normal processes	Julie W. Broge

### Sensory Integration Basic Course Module 3 timetable

Time (Swedish)	Topic	Lecturer
<b>Day 1</b>	<b>DDDM + GAS</b>	
9:00-9:45	General feedback to fieldwork, DDDM	Estonia, Sweden
10:00-10:45	DDDM, case study	Sweden
11:00-11:45	Case study	Sweden
11:45-12:45	Lunch	
12:45-13:30	Students presentations and feedback	
13:45-14:30	GAS – Goal setting	Denmark (Betina)
14:45-15:30	GAS – Goal setting	Denmark (Betina)
15:45-16:30	GAS – Case study	Denmark (Betina)
<b>Day 2</b>	<b>GAS + Fidelity</b>	
9:00-9:45	Students presentations and feedback	Denmark
10:00-10:45	Different levels of intervention services	Denmark (Julie)
11:00-11:45	The Art of Therapy	Sweden
11:45-12:45	Lunch	
12:45-13:30	Core principles and fidelity	Estonia (Helena)
13:45-14:30	Core principles and fidelity	Estonia (Helena)
14:45-15:30	Movie and discussion	Estonia (Helena)
15:45-16:30	Article and discussion	Estonia (Helena)
<b>Day 3</b>	<b>Planning sensory integration therapy</b>	

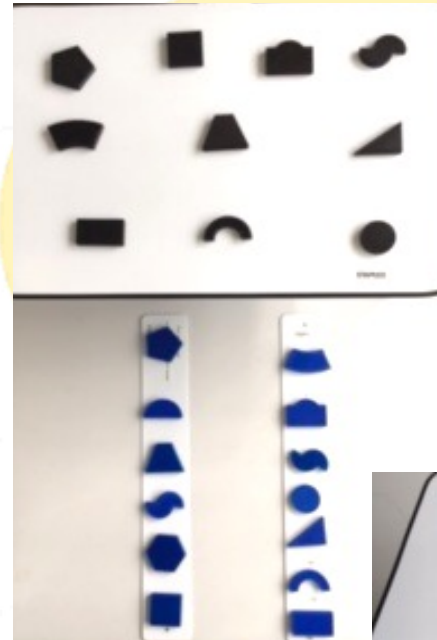
# SI Basic Course

- Almost all modules had to be conducted in virtual setting due to Covid-19
- Pilot course in Estonia with 37 graduated participants
- Feedback was collected and analysed
- Second course in Sweden with 37 graduated participants

# Evaluation in Ayres Sensory Integration (EASI)

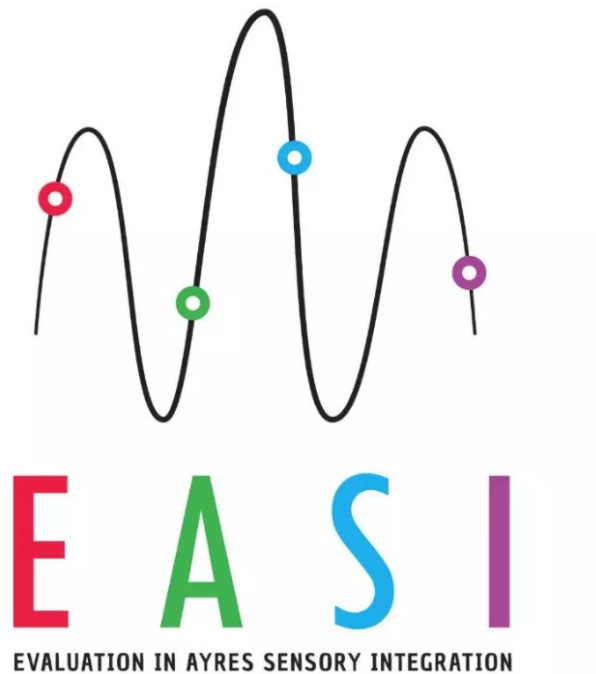
## EASI data collection goals

1. 10 children from Estonia
2. 30 children from Denmark
3. 50 children from Finland
4. 60 children from Sweden



# Evaluation in Ayres Sensory Integration (EASI)

1. EASI study materials development (2021-2022)



# First Baltic-Nordic Sensory Integration Congress

- More than 325 participants



## BALTIC-NORDIC SENSORY INTEGRATION CONGRESS

**24.-25.03.2022**

TALLINNA TERVISHOIU KÕRGKOOI  
TALLINN HEALTH CARE COLLEGE



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# Project impact

Impact in many different levels:

1. Participants
2. Participating organisations
3. Relevant stakeholders
4. Local impact
5. National impact
6. International impact

# Dissemination

1. Target audience: OTs and OT students, other professionals
2. Dissemination via national associations
3. Dissemination activities:
  1. Articles
  2. Presentations in international congresses

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**THANK YOU!**