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COMPARISON OF REGULATIONS OF MULTIDISCIPLINARY DIAGNOSTIC SETTINGS FOR SCHOOL-AGED PATIENTS WITH A NEUROBIOLOGICAL DEVELOPMENTAL DELAY OR DISORDER IN FLANDERS

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BACKGROUND

Children with (suspected) neurobiological developmental disorder (NBDD)?

- Importance of early detection, early diagnostics and early intervention and support
- So: refer to specialized diagnostic centre!

Multidisciplinary diagnostics of NBDD in Flanders: organizational field with many players!

But

- ☹ Long waiting periods, waiting lists
- ☹ Not always clear where to address/refer to
- ☹ Different out of pocket fees



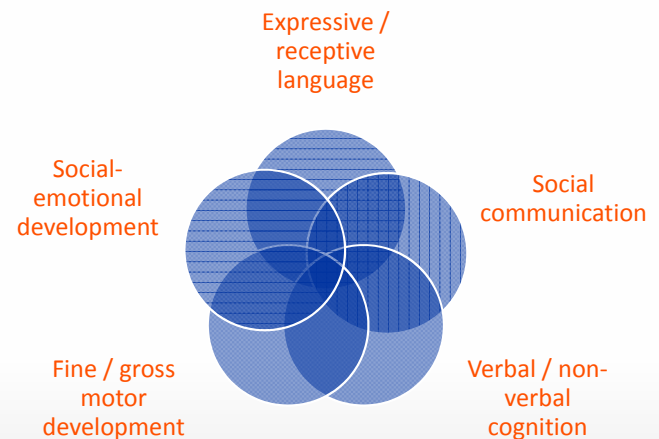
search for an explanation/underlying processes: get detailed insight in the organizational field

- Map, analyse and compare the players in the field
- 1st step: rules and regulations

BACKGROUND

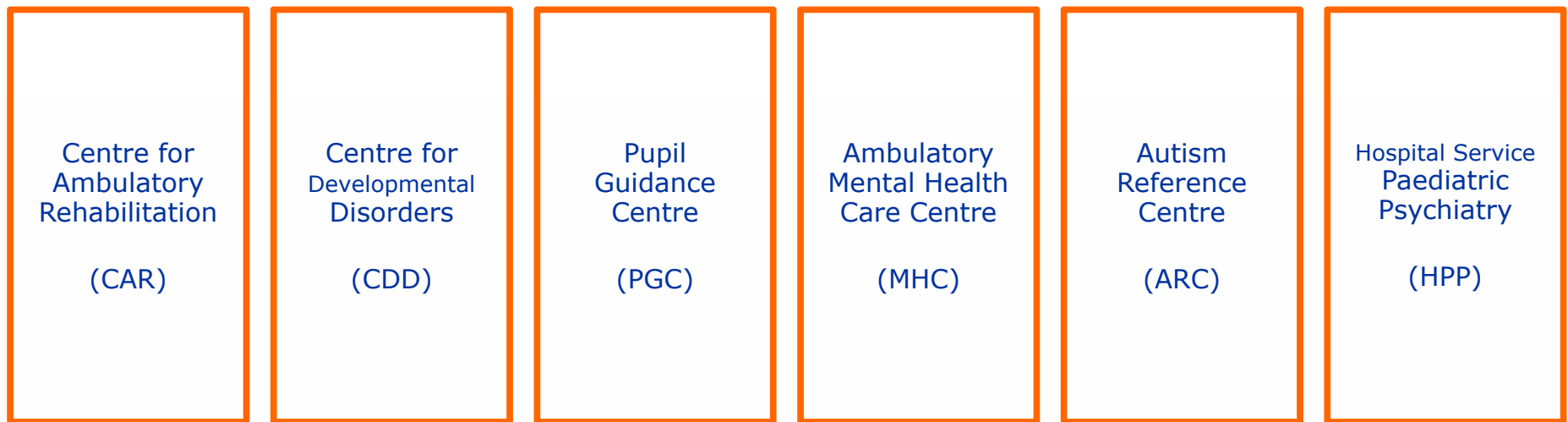
NEUROBIOLOGICAL DEVELOPMENTAL DISORDERS (NBDD)

- ▶ **Categories DSM-5 (APA,2014):** (1) Intellectual Disabilities, (2) Communication Disorders, (3) Autism Spectrum Disorder, (4) Attention-Deficit/Hyperactivity Disorder, (5) Specific Learning Disorder, (6) Motor Disorders, (7) Other Neurodevelopmental Disorders
- ▶ **Diagnostics of NBDD:**
 - ▶ As early as possible (*early intervention and support improves future social and emotional development, wellbeing, social participation*)
 - ▶ Multidisciplinary: high rate of comorbidity
 - > assessment in all major streams of development



BACKGROUND

FLANDERS: SUBSIDIZED SETTINGS DOING MULTIDISCIPLINARY DIAGNOSTICS OF NBDD



REGULATIONS

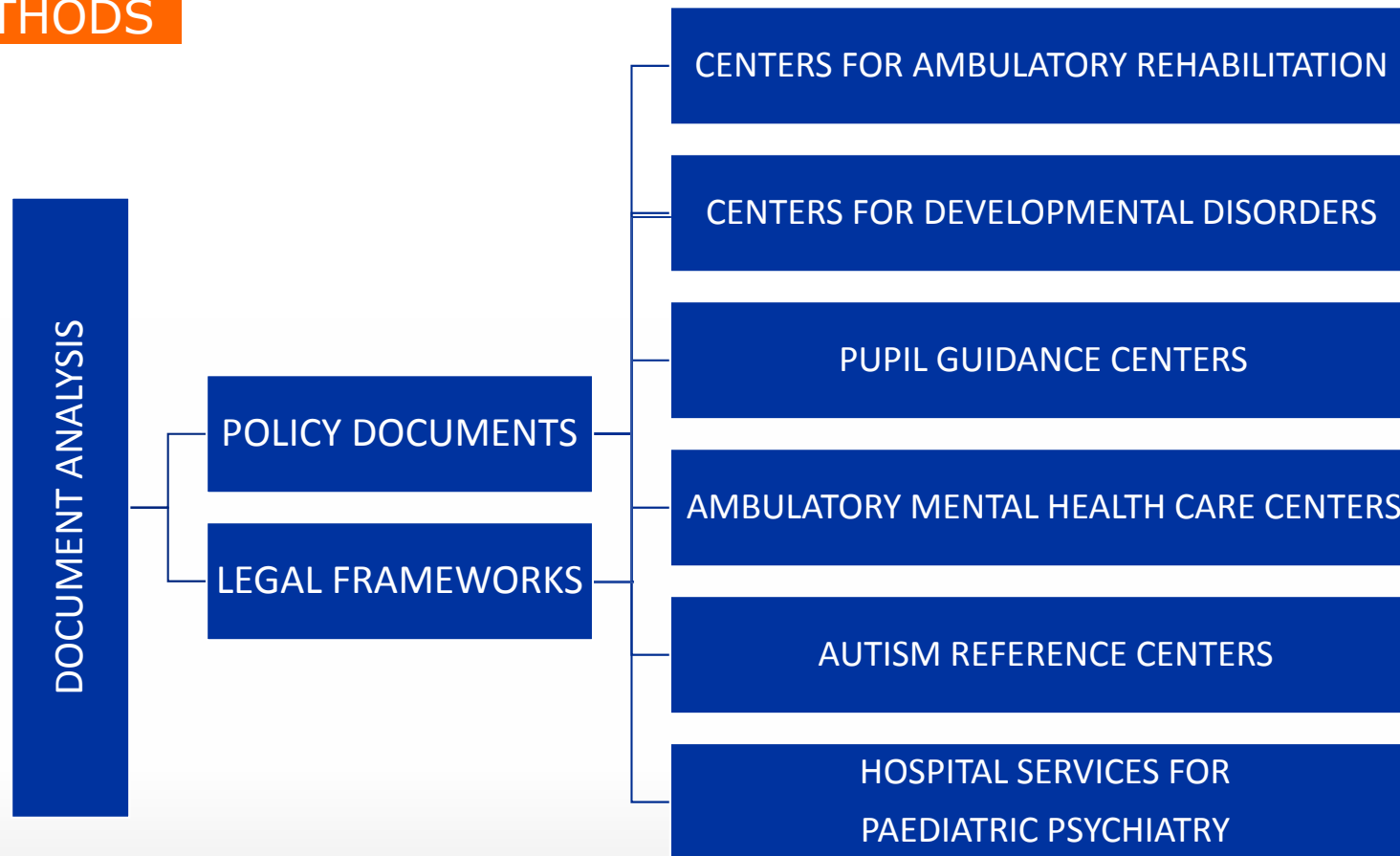
ORGANIZATIONAL / WORK PROCESS DIFFERENCES

POTENTIAL IMPACT ON THE CARE PROVIDED

AIMS

TO MAP THE REGULATIVE FRAMEWORKS ON THE FEDERAL STATE AND THE COMMUNITY LEVEL FOR SPECIALIZED MULTIDISCIPLINARY DIAGNOSTIC TEAMS FOR CHILDREN WITH SUSPECTED NBDD IN FLANDERS, THAT IMPACT ON ORGANIZATION AND WORK PROCESSES.

METHODS



RESULTS

AUTHORITY

	MHC	ARC	CAR	CDD	PGC	HPP
Federal Level		•)	•)			•)
Community Level	•	•)	•)	•	•	•)

↪ 6th State Reform (Belgium, 2014–2019): transfer of authorities from federal to community level

RESULTS

MISSION OF THE SETTINGS

	MHC	ARC	CAR	CDD	PGC	HPP
Detection				•		
Indication	•					
Multidisciplinary diagnostics		•	•	•		•
Multidisciplinary rehabilitation	•		•			•
Support	•				•	
Orientation				•		
Coordination rehabilitation, support, care		•				
Outsourcing/outreaching	•	•				
Research				•		

RESULTS

	MHC	ARC	CAR	CDD	PGC	HPP
Target group	General Description	Pathology-based (DSM IV TR / ICD-10)	Pathology-based (ICD-10)	General Description	General Description	General description
Accessibility	Not determined	On referral	On referral	Not determined	Accessible for every pupil	Not determined
Team composition	General description (disciplines)	Detailed rules (education, experience)	Detailed rules (education, experience)	General description (disciplines)	Detailed rules (education, experience)	Detailed rules (education, experience)

RESULTS

DIAGNOSTICS

	MHC	ARC	CAR	CDD	PGC	HPP
Conditions	Not determined	Not determined	only if followed by rehabilitation	Not determined	Not determined	Not determined
Aims	Assessment of the needs Process-oriented	Clinical classifying diagnostics, Functional assessment Referral, coordination	Classification Determine rehabilitation targets (process-oriented)	Clinical classifying diagnostics Referral, coordination	Support, referral and coordination Process-oriented	Observation, treatment

RESULTS

DIAGNOSTICS

	MHC	ARC	CAR	CDD	PGC	HPP
Assessment	Intake Diagnostic process	Interview Observations Psychological assessment Integration/ interpretation results	At least 1 medical and 2 paramedical examinations / Info referrer + 1 consultation	2 or more medical, paramedical, psychological, social examinations Integrated report	Systematic / standardized procedures to analyse clarifying, acknowledging and process- oriented diagnostic questions	Observation
Diagnostic Protocol	Not determined	Standardized by NIHDI ¹	Not determined	Not determined	Not determined	Not determined
Classification system	Not determined	DSM-IV (TR) ICD-10	ICD-10	Not determined	Not determined	

¹National Institute for Health and Disability Insurance

CONCLUSIONS



FEDERAL REGULATIONS ARE MORE DETAILED THAN COMMUNITY REGULATIONS

REGULATIONS IMPACT ON ORGANIZATIONAL AND CLINICAL PRACTICE

THE TYPE OF DIAGNOSTICS IS INFLUENCED BY THE MISSION OF THE SETTING

CONCLUSIONS

CONFUSING REGULATIVE FRAMEWORK: NO TRANSPARANCY, NOT ADAPTED ON THE 'DISEASE TRAJECTORY' OF NBDD (Who, when, where, why?)

NBDD: HIGH RATE OF COMORBIDITY versus DIAGNOSTIC SETTINGS FOR ONLY ONE (1) DEVELOPMENTAL DISORDER

NO DETERMINATIONS (NOT EVEN SUGGESTIONS) ABOUT NETWORKING AND REFERRAL.

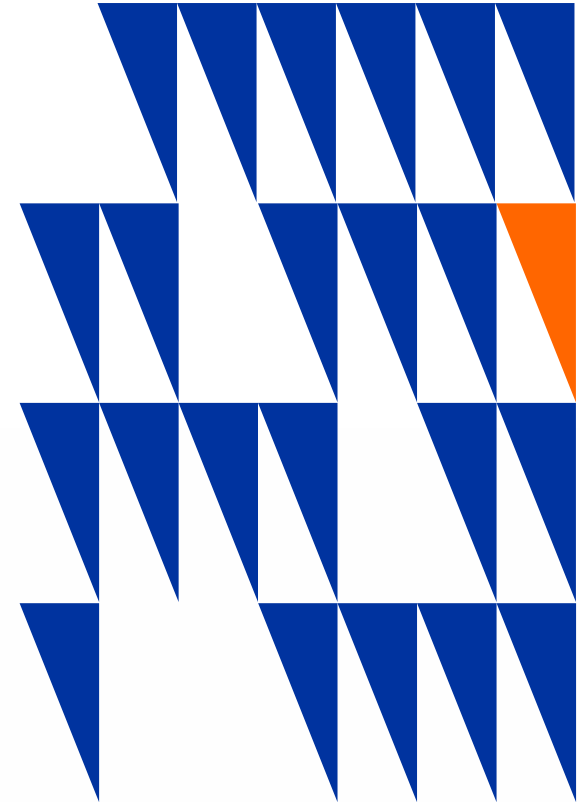
RECOMMENDATIONS ON FURTHER RESEARCH

- ✓ **RESEARCH ON HOW RULES AND REGULATIONS ARE TRANSLATED INTO GUIDELINES FOR THE DAILY PRACTICE BY INDIVIDUALS SETTINGS / BY STAKEHOLDER ORGANIZATIONS.**
 - **BY INDIVIDUAL SETTING**
 - **BY STAKEHOLDER ORGANISATIONS**

- ✓ **COMPARE DIAGNOSTIC TRAJECTORIES :**
 - **BETWEEN SETTINGS**
 - **FROM FIRST SIGNS TO DIAGNOSIS**

- ✓ **RESEARCH ON PARENTS / CHILD EXPERIENCE DURING THEIR DIAGNOSTIC TRAJECTORY**

- ✓ **RESEARCH ON ORGANIZATIONAL NETWORK MODELS IN HEALTH CARE, ADAPTABLE ON THE FIELD OF MULTIDISCIPLINARY DIAGNOSTICS OF NBDD AND GUARANTEEING A HIGHER RATE OF ACCESSIBILITY**



**THANK YOU
FOR THE ATTENTION**

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