



Information on the NMD Care Management Concept and the Implementation Phase (project Care-NMD-CH)



Online Meeting, 06.04.22

Dr. Veronika Waldboth, MScN, RN; Barbara Grädel, MScN, RN

A warm welcome to this presentation





Martin Knoblauch, lic. oec., Managing Director Schweizerische Muskelgesellschaft Contracting Authority of the project





Dr. Veronika Waldboth, MScN, RN Head of Development and Pedagogics MScN Senior Researcher, Zurich University of Applied Sciences ZHAW, Winterthur

Barbara Grädel, MScN, RN
Pflegeexpertin MScN/Care Managerin, Pediatric
Muscle Centre, Universitätsklinik für
Kinderheilkunde, Inselspital Bern



General Information





- Recording of the presentation via Zoom
- Video will be sent to you afterwards
- Participants from different language regions:
 - Presentation (slides and oral presentation) in English
 - Please ask for translation

Thank you for your collaboration!





- Prof. Dr. Markus Weber; Zentrumsleiter Muskelzentrum/ALS Clinic, Kantonsspital St. Gallen
- PD Dr. med. Georg Martin Stettner, Leitender Arzt Pädiatrische Neurologie, Neuromuskuläres Zentrum Zürich, Universitäts-Kinderspital Zürich Eleonorenstiftung
- Prof. Dr. Heidi Petry, MScN, RN; Leiterin Zentrum für Klinische Pflegewissenschaft, Universitätsspital Zürich
- Dr. Raffaella Willmann, Research Manager, Schweizerische Stiftung für die Erforschung der Muskelkrankheiten
- Barbara Grädel Messerli, Pflegeexpertin MScN/Care Managerin, Pädiatrisches Muskelzentrum, Universitätsklinik für Kinderheilkunde, Inselspital Bern
- Dr. med. Kathi Schweikert, Oberärztin REHAB Basel, Klinik für Neurorehabilitation und Paraplegiologie
- Sabina Rainy, Infirmière de coordination, Maladies neuromusculaires, Neurologie et neuroréhabilitation pédiatrique, CHUV
- Claudio Del Don, Direttore Centro professionale sociosanitario Giubiasco/Canobbio, Scuola specializzata per le professioni sanitarie e sociali
- Dr. Nicole Gusset, Präsidentin Schweizerische Muskelgesellschaft, Präsidentin SMA Schweiz Monika Kaempf, Directrice, ASRIMM Association Suisse Romande Intervenant contre les Maladies neuro-Musculaires
- Sandra Messmer-Khosla, Stv. Geschäftsführerin / Sozialarbeit, Schweizerische Muskelgesellschaft Michael Rosche, Leiter Pflege und Therapie, Mathilde Escher Stiftung

Manuel Arn, Vorstand Verein ALS Schweiz

- Mirjam Marty, Pflegeexpertin APN Neurologie, Kinderspital Zürich Eleonorenstiftung
- Anna Maria Sury -Kunz, infermiera CRS, coordinatrice Centro Myosuisse Ticino, Ospedale Regionale di Lugano
- Ursula Schneider Rosinger, Leitung Pflege, Pflegeberatung, Muskelzentrum/ALS Clinic Kantonsspital St. Gallen
- Martin Knoblauch, lic. oec., Geschäftsführer Schweizerische Muskelgesellschaft

Thank you to the project team





Auftraggeber

Martin Knoblauch, lic. oec., Schweizerische Muskelgesellschaft

Projektleitung

Dr. Veronika Waldboth, MScN, RN; Zürcher Hochschule für Angewandte Wissenschaften Co-Projektleitungen

Prof. Dr. Heidi Petry, MScN, RN; Universitätsspital Zürich

Prof. Dr. Markus Weber; Kantonsspital St. Gallen

PD Dr. med. Georg Martin Stettner, Universitäts-Kinderspital Zürich – Eleonorenstiftung **Projektteam**

Dr. Raffaella Willmann, Schweizerische Stiftung für die Erforschung der Muskelkrankheiten Barbara Grädel Messerli, MScN, RN, Universitätsklinik für Kinderheilkunde, Inselspital Bern Hannele Hediger, lic. phil., RN, Zürcher Hochschule für Angewandte Wissenschaften Gabriela Nemecek, MScN, RN, Zürcher Hochschule für Angewandte Wissenschaften Christina Schuler, MScN, RN, Zürcher Hochschule für Angewandte Wissenschaften Dr. Mirjam Mezger, Dr. sc. rel., Zürcher Hochschule für Angewandte Wissenschaften Milena Bruschini, MScN, RN, Zürcher Hochschule für Angewandte Wissenschaften Prof. Dr. Maria Schubert, MSN, RN, Zürcher Hochschule für Angewandte Wissenschaften



Thank you to the members of the Sounding Board and Project Partners







Association Suisse Romande Intervenant contre les Maladies neuro-Musculaires

Association suisse des maladies neuromusculaires - ASRIMM



Associazione Malattie Genetiche Rare Svizzera italiana

Associazione Malattie Genetiche Rare Svizzera Italiana



Inselspital Bern



Kantonsspital St. Gallen



Kinderspital Zürich –



Mathilde Escher Stiftung

Eleonorenstiftung für Menschen mit Muskelkrankheiten



Ostschweizer Kinderspital



Schweizerische Muskelgesellschaft



Schweizerische Stiftung für die Erforschung der Muskelkrankheiten ssem



SMA Schweiz



Universitätsspital Zürich



verein ALS

Schweizer Register für neuromuskuläre Erkrankungen

Content





- Project Information
- NMD Care Management Concept (NMD CM)
- Implementation and Evaluation
- Application for participation
- Questions

Background





- Neuromuscular diseases (NMDs) are rare genetic disorders
- Progressive muscle weakness and death at a young age due to loss of function of major organs such as the heart and lungs
- No causal treatments for most NMDs, affected persons and their families experience serious health and psychosocial consequences
- The management of NMD is complex and requires a coordinated, interprofessional care approach

(Amato & Russell, 2008, Birnkrant, Bushby, Bann, Alman, et al., 2018; Birnkrant, Bushby, Bann, Apkon, Blackwell, Brumbaugh, et al., 2018; Birnkrant, Bushby, Bann, Apkon, Blackwell, Colvin, et al., 2018, Wang et al., 2007)





- Uneven resources, lack of expertise in treating rare diseases and inconsistent distribution of specialized services lead to disparities in clinical outcomes
- Care Management (CM) has the potential to optimize care and to reduce costs
- Care Manager can support patients and families and foster interprofessional collaboration through a coordinated, evidence-based, and family-centred approach
- To be effective and sustainable, it is important to implement CM services for NMD patients strategically and sustainably and to highlight its values

Purpose and Aims





Phase A

> to investigate the current NMD care situation; to describe the status quo of the practice of care; to identify areas that work well and areas that need attention

Phase B

to develop an evidence-based and family-centred concept for NMD-Care Management (NMD CM)

Phase C

- to develop a concept for implementing the NMD CM services in selected NMCs.
- ➤ to implement and evaluate benefit for patients / families, for the interprofessional care team, and at a systems level

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Methods - Phase B



- Literature search and development of a roadmap using a logic model
- Discussions and feedback from expert group (Sounding Board, workshops, project team)
- Participatory action research methodology: reflection, planning, action, observation, reflection, planning
- description of the scope of practice of NMD Care Managers, best practice interventions, collaboration with the interprofessional care team and within the expert networks

(Silverman et al., 2007; Glasson et al., 2008)

Results - NMD CM Concept



- Introduction
- Clarification of terms
- Aims
- Methods
- Requirements
- Competencies
- Overall Tasks: Coordination and Navigation

Inhaltsverzeichnis

- 1 Einleitung
 - 1.1 Ausgangslage Projekt Care-NMD-CH
 - 1.2 Hintergrund
 - 1.2.1 Begriffsklärung
 - 1.3 Ziele und Forschungsfragen
- 2 Methode
- 3 Die komplexe Versorgung von Menschen mit NMD
- 4 Die Kompetenzen von NMD Care Manager_innen
 - 4.1 Anforderungen an das NMD Care Management
 - 4.2 Kompetenzerwerb
- Tätigkeitsbereich und Leistungen der NMD Care Manager_innen
 - 5.1 Koordination und Navigation



- Collecting information / history
- Symptom Management
- Advanced care planning
- Clarify and inform
- Guide and instruct
- Counsel and consult
- Organise and connect
- Home visits
- Caregiver support
- Psychosocial support

	Bereich A: Direkte klinische Praxis - Leistungen für Betroffene und
Familie	n
5.2.1	Care Management Anamnese
5.2.2	Symptom- und Selbstmanagement fördern
5.2.3	Vorausschauende Planung
5.2.4	Aufklärung und Informationen abgeben
5.2.5	Anleiten und Instruieren
5.2.6	Beratung und Sprechstunde
5.2.7	Aufsuchende Dienste und Hausbesuche
5.2.8	Organisation und Vernetzung
5.2.9	Angehörigensupport
5.2.10	Psychosoziale Begleitung und Umgang mit Emotionen
5.2.11	Versorgung von Kindern, jungen Personen und Erwachsenen





Case: Simon, Duchenne Muscular Dystrophy I



- Simon, 11.5 years old
- ambulant (north star ambulatory assessment 27 p/34p)
- weight 27.5 kg, height 123.5 cm, normal lung and heart function
- No behavioral problems (5th class in special school disabled children)
- Therapy: physio-, occupational- and speech therapy
- Medication: Cortison, Calcium, Movicol and Ataluren
- Devices: leg brace in the night, wheelchair
- Mother: nurse assistant in a home for elderly, stammering
- Father: 40% logistician, disability pension
- No brothers and sisters
- Grandparents mother side: Austria, good contact; no grandparents father side



Case: Simon, Duchenne Muscular Dystrophy II



- Simon, 16.5 years old
- Non-ambulant (Egen-classification 2 p/51 p)
- Transfer possible (2-3 steps)
- weight 57 kg, height 141 cm
- Lung: little restrictive, heart: normal function (ACE inhibitor)
- Physio- and occupational-therapy
- Medication: Cortison, Calcium, Movicol, Ataluren, ACE-inhibitor and Growth-Hormon
- Devices: now power wheelchair among others
- ... and he has transfered to the adult setting and doing an apprenticeship



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Interprofessional Collaboration



- Principles of collaboration
- Guiding during therapies and assessments
- Organisation and connectiong
- Case review, round table discussions, reporting
- Contact person



5.3	Bereich B: Interprofessionelle Zusammenarbeit im Behandlungsteam
5.3.1	Prinzipien für die Zusammenarbeit
5.3.2 Diagn	3 3 1 7
5.3.3	Organisation und Vernetzung innerhalb des Behandlungsteams
5.3.4	Fallbesprechungen, Rundtischgespräche und Rapporte

Ansprechperson für Fachpersonen

Zürcher Fachhochschule 21

5.3.5

Professional development and networking



- Professional development
- Networking

- 5.4 Bereich C: Fachentwicklung und Netzwerkarbeit
- 5.4.1 Fachentwicklung
- 5.4.2 Netzwerkarbeit



Overall characteristics of NMD CM



- Having a good overview of the life situation
- Complementary not competitive
- Close collaboration with patient & family and with the interprofessional care team
- From novice to expert: Competence development
- Context specific adaptations of the NMD CH concept

Implementation and Evaluation

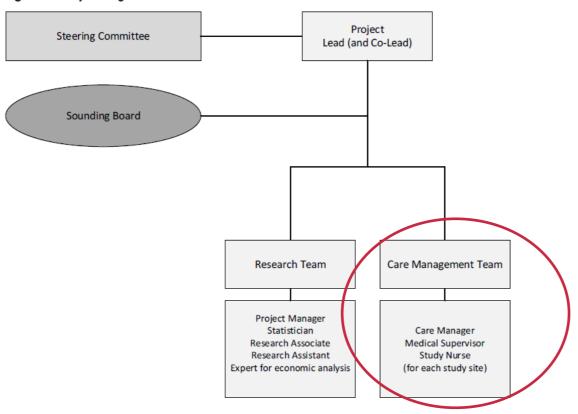


- Basic education (Kick-off) & regular trainings
- Contact person during implementation (research team, medical supervisor, NMD CM - network)
- Context analysis (data collection in settings, context specific adaptation) -> concept for implementation
- Implemention/ evaluation research: data collection during implementation
 - Document / chart review
 - Interviews / group interviews
 - Online survey

Project organisation

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Figure 2: Project Organisation



Time table



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Application for Care Management Team



- Online application (Link will be sent) in English
- Project funds up to 4 centres (8 Care Management teams)
- Project funding: approx. 84'000 CHF for each of the 8 Care Management teams (for 2 years)
- Criteria for Committee
- Application deadline: 30.06.2022
- Information of selection (when more than 8 teams apply) by 31.07.2022

List of criteria for online application



- Motivation for participation
- Description of interprofessional collaboration and integration of Care Manager
- Medical supervisor MS: Contact details
- <u>Co-PI</u> (If other then MS): Contact details (one Co-PI for each setting required for multicentre study)
- Care manager(s) CM: Contact details (if known)
- <u>Direct superior</u> of CM (if other than MS/PI): Contact details
- Concept:
 - Commentary on area A: Direct clinical practice
 - Commentary on area B: Interprofessional collaboration
 - Commentary on area C: Profess. development and networking

List of criteria for online application



- Number of patients (approx. per year/week) (Team)
- Time / availability of Care Manager (CM)
- Cover during vacation / sick leave for CM
- Job description available for CM
- Preparedness for supporting data collection (Team)
- Preparedness for attending education / training (CM)
- Description of collaboration between paediatric and adult care
- Motivation to collaborate with patient organisations
- Commentary on financing (not covered budget / in long-term)
- Formal Application
- Baseline data available (available to ZHAW)
- -> Contact Person in June/July for questions to the committee





Questions?





Literature 1/2



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