

# **TREAT-NMD SMA Registries Core Dataset:**

**Version 1 (31 August 2018)** 

Suggested wording for patient-reported registries



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### 1. Introduction

TREAT-NMD is a network for the neuromuscular field that provides an infrastructure to ensure that the most promising new therapies reach patients as quickly as possible. Since its launch in January 2007 the network's focus has been on the development of tools that industry, clinicians and scientists need to bring novel therapeutic approaches through preclinical development and into the clinic, and on establishing best-practice care for neuromuscular patients worldwide.

The TREAT-NMD global network of SMA Registries feed into a central hub called the TREAT-NMD Global SMA Registry, which can receive requests from third parties in order to answer research questions. National registries that are part of the Global Registry must collect as a minimum, a standardized core dataset from their patients. The TREAT-NMD Global SMA Registry is governed by a <a href="Charter">Charter</a>\* and by the <a href="TREAT-NMD Global Database Oversight Committee">TREAT-NMD Global Database Oversight Committee</a> (TGDOC). The TGDOC is responsible for reviewing the requests for data from the Global Registry and it votes on whether the request is in line with the Charter and is in patients' best interests.

The core dataset for TREAT-NMD registries collecting data on SMA patients was expanded in September 2018, following a pilot study. This work was done so that the TREAT-NMD Global SMA Registry can:

- a. better inform on the natural history of SMA
- b. provide context to understand the safety and effectiveness of new treatments
- c. support post marketing surveillance (PMS) for those new treatments.

<sup>\*</sup> The TGDOC Charter is currently under review



### 2. This document

#### This document:

- provides suggested wording for all items in the expanded SMA dataset which are applicable to patient-reported registries.
- is in draft and we would very much value feedback or suggestions for improvements.
- supports version 1 of the dataset (full documents available on the project web page) which was released in September 2018.
- does not contain the full dataset only sections/items which are relevant for patient-reported registries.

Please note we do not intend to mandate that registries must use this wording, however it will be recommended for use in English language registries, and also as a basis for translations into other languages.

If you have any feedback on the dataset itself (data items, sections, response options etc.) this would also be very welcome - but if you are suggesting new or significantly altered items, please also suggest the patient-facing wording to accompany them.

Please provide all feedback before Friday 13 March 2020, so it can feed into our first dataset revision (draft revision process attached). Version 2 of the dataset (including patient-facing wording) will be confirmed by the end of June 2020. Please note we will be making a strong effort to minimise or avoid significant changes, in order to support version compatibility, longitudinal data analysis, and to reduce burden on registries and patients.



### 3. The Dataset

#### PLEASE NOTE:

- For mandatory data items: TREAT-NMD SMA Registries are required to include these items in their case report forms, and make every effort to collect them (or agree actions to work towards their collection).
- > However, the minimum data needed for an individual record to be accepted as valid for a global registry enquiry submission will be defined on a case-by-case basis.
- > Registries should ensure that all data entries and updates are date-stamped (and time-stamped if possible)

KEY

Black text = mandatory items

Blue text = highly encouraged items

Text in italics = notes for Curators

[Text in square brackets] = System/coding notes



#### Section 1: ENROLMENT

Item no.	Data item description	Coding	Baseline	Follow-up
1.03	(To be included in consent form)			
	Do you give consent for your de-identified (anonymous) data to be shared			
	with the TREAT-NMD Global SMA Registry, for purposes of research and			
	clinical trial planning?			

#### Section 2: DEMOGRAPHICS

Items 2.00-2.16: Registries are encouraged to collect the demographic items in blue for internal use, but only the mandatory items (in black) would ever be requested for central submission.

^ = items which support PPRL functionality (<u>Privacy Preserving Record Linkage</u>)

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
2.00	What is your date of birth?		DD-MM-YYYY	X	
2.01		What is your first name?	[Free text]	X	Χ
2.02		What was your first name given to you at birth?	[Free text]	X	
2.03		What is your last name?	[Free text]	Х	Χ
2.04		What was your last name given to you at birth?	[Free text]	Х	
2.05	What is your gender?		Male; Female;	Х	Χ
			Unspecified		
2.06		Is this the same gender that you were assigned at	Male; Female;	Х	
		birth?	Unspecified		
2.10		What is your current address?	[Free text]	X	Χ
2.11		What is your zip/post code?	[Free text]	X	Χ
2.12	Which country do you live in?		[ISO 3 Standards]	X	Χ
2.13		Which country were you born in?	[ISO 3 Standards]	Х	
2.14		Which city/town were you both in?	[Registry own	Х	
			picklist]		



				iveuromuscular ivetwo
2.15	Please provide an email address that we can use to contact you	[Free text]	Х	Х
2.16	Please provide a telephone number that we can	[Numerical value]	Χ	X
	use to contact you			
2.20	Do you know of any other family member who is	Yes; No	Х	Х
	diagnosed with SMA?	,		
2.24		Mathau Fathau	· · · · · · · · · · · · · · · · · · ·	
2.21	If you answered 'Yes' to the previous	Mother; Father;	X	X
	question, please tell us how they are	Daughter; Son;		
	related to you.	Brother; Half		
	,	Brother; Sister; Half		
		Sister; Niece;		
		Nephew; Maternal		
		Uncle; Paternal		
		Uncle; Maternal		
		Aunt; Paternal		
		Aunt; Maternal		
		Cousin; Paternal		
		Cousin; Maternal		
		•		
		Grandfather;		
		Paternal		
		Grandfather;		
		Maternal		
		Grandmother;		
		Paternal		
		Grandmother;		
		Granddaughter;		
		Grandson		
		[Can add multiple]		
		[22   2		



### Section 4: GENETIC DIAGNOSIS

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
4.00	Have you had a genetic test which confirmed your		Yes; No	Χ	Χ
	SMA diagnosis?				
4.02	If you have had a genetic test, please		[File upload	Х	Χ
	send/upload* a copy of your genetic		option]		
	report, if you have it.				
	* Delete as appropriate for your registry				
4.03	If you have had a genetic test, please tell		[Free text]	Χ	Χ
	us the name and location of the genetic				
	testing centre.				





### Section 5: CLINICAL OBSERVATIONS

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
5.00	At what age did your symptoms first appear (or it was first suspected that something might be different)?		During pregnancy; birth to 0.5 months; at age YY-MM		
5.01	Which SMA type has your doctor diagnosed?		Type 0; Type 1; Type 2; Type 3; Type 4		
5.02		What is your height in cm?	[Numerical value]	Х	Х
5.03		Method of height measurement	Standing height; Recumbent length; Arm span; Ulnar length; Other (please specify [free text])	Х	Х
5.04		What is your weight in kg?	[Numerical value] kg	Х	Х
5.05		If you are registering an infant aged 0-23 months, please give their head circumference (in cm)*  * Registries should provide guidance (from the dataset manual) for parents/carers on how to measure this	[Numerical value] cm	Х	Х
5.06		If you are registering an infant aged 0-23 months, please give their chest circumference at full expiration (in cm)*	[Numerical value] cm	X	X



	* Registries should provide guidance (from the dataset manual) for parents/carers on how to			
	measure this			
	If you are registering an infant aged 0-23 months, please give their chest circumference at full inspiration (in cm)*	[Numerical value] cm	Х	Х
	* Registries should provide guidance (from the dataset manual) for parents/carers on how to measure this			
	Contractures Patients with SMA are often affected by joint			
	· ·			
	Do you suffer from shoulder contractures?	Yes; No	Х	Х
	Do you suffer from elbow contractures?	Yes; No	Х	Х
	Do you suffer from wrist contractures?	Yes; No	Х	Х
	Do you suffer from finger contractures?	Yes; No	Х	Х
	Do you suffer from hip contractures?	Yes; No	Х	Х
	Do you suffer from knee contractures?	Yes; No	Х	Х
	Do you suffer from ankle contractures?	Yes; No	Х	Х
Please tell us the name of the neuromuscular		[Free text]	Х	Х
specialist or main doctor in charge of your care.				
Please tell us the name and location of your main		[Free text]	Х	Х
healthcare centre.				
	specialist or main doctor in charge of your care.  Please tell us the name and location of your main	dataset manual) for parents/carers on how to measure this  If you are registering an infant aged 0-23 months, please give their chest circumference at full inspiration (in cm)*  * Registries should provide guidance (from the dataset manual) for parents/carers on how to measure this  Contractures Patients with SMA are often affected by joint contractures, which can be described as limitations in the full range of motion of certain joints. Contractures are caused by immobility, reduced weight bearing, and muscle imbalance.  Do you suffer from shoulder contractures?  Do you suffer from elbow contractures?  Do you suffer from minger contractures?  Do you suffer from hip contractures?  Do you suffer from hip contractures?  Do you suffer from knee contractures?  Do you suffer from knee contractures?  Please tell us the name of the neuromuscular specialist or main doctor in charge of your care.  Please tell us the name and location of your main	dataset manual) for parents/carers on how to measure this  If you are registering an infant aged 0-23 months, please give their chest circumference at full inspiration (in cm)*  * Registries should provide guidance (from the dataset manual) for parents/carers on how to measure this  Contractures Patients with SMA are often affected by joint contractures, which can be described as limitations in the full range of motion of certain joints. Contractures are caused by immobility, reduced weight bearing, and muscle imbalance.  Do you suffer from shoulder contractures? Yes; No Do you suffer from elbow contractures? Yes; No Do you suffer from mist contractures? Yes; No Do you suffer from finger contractures? Yes; No Do you suffer from hip contractures? Yes; No Do you suffer from hip contractures? Yes; No Do you suffer from knee contractures? Yes; No Do you suffer from knee contractures? Yes; No Please tell us the name of the neuromuscular specialist or main doctor in charge of your care.  Please tell us the name and location of your main  In you suffer from anife contractures?  In you suffer from ankle contractures?  In you suffer from the feet of your care.	dataset manual) for parents/carers on how to measure this  If you are registering an infant aged 0-23 months, please give their chest circumference at full inspiration (in cm)*  * Registries should provide guidance (from the dataset manual) for parents/carers on how to measure this  Contractures Patients with SMA are often affected by joint contractures, which can be described as limitations in the full range of motion of certain joints. Contractures are caused by immobility, reduced weight bearing, and muscle imbalance.  Do you suffer from shoulder contractures?  Yes; No X  Do you suffer from wrist contractures? Yes; No X  Do you suffer from finger contractures? Yes; No X  Do you suffer from hip contractures? Yes; No X  Do you suffer from hip contractures? Yes; No X  Please tell us the name of the neuromuscular specialist or main doctor in charge of your care.  Please tell us the name and location of your main  [Free text]  X



### Section 6: SCOLIOSIS

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
	Scoliosis Scoliosis is a common complication in people with Stoliosis is a common complication in people with Stoliosis (usually to one side) and is caused by a weakening of progresses.	·			
6.00	Have you been diagnosed with scoliosis?		Yes; No; Not known	Х	Х
6.01		If you have been diagnosed with scoliosis, please tell us the Cobb angle recorded on the latest radiology results, if you know it.	[Numerical value] degrees	X	Х
6.02	If you have been diagnosed with scoliosis, have you had any surgery for the scoliosis?		Yes; No	Х	Х
6.03		If you have had surgery for scoliosis, please tell us what kind of surgery you had, if you know.	Arthrodesis; Growing Rods; Other (please specify); Not known	Х	Х
6.04		If you have had surgery for scoliosis, please tell us the date of your surgery (month & year).	MM-YYYY	Х	Х



### Section 7: MOTOR FUNCTION

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
	Motor function describes your ability to move your	body.			
	For each of the abilities listed, please choose the ap  (Curators – definitions of each function are available)				
	available to your registry participants when complete				
7.00	Holding head up without support	ling this section.	For each motor	Х	Х
7.01	Rolling onto side		function item,	X	X
7.02	Sitting without support		specify:	Х	Х
7.03	Crawling on hands and knees			Х	Х
7.04	Standing with assistance		Never able;	Х	Х
7.05	Standing alone (without assistance)		Gained [age YY-	Х	Х
7.06	Walking with assistance		MM];	Х	Х
7.07	Walking alone (without assistance)		Gained & lost	Х	Χ
7.08	Able to walk 10 metres unaided		[age gained YY-	Х	Χ
7.09	Climbing stairs		MM] & [age lost	Х	Χ
7.10	Useful function of hands		YY-MM]	Х	Х
7.11	Reaching overhead in a sitting position			Х	Χ
7.12	Raising hands to mouth in a sitting position			Х	Χ



### Section 8: WHEELCHAIR USE

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
8.00	For patients 2 years old or older: Do you use a		No - able to	Χ	Χ
	wheelchair?		walk		
			independently;		
			Part-time [age		
			began YY-MM];		
			Full-time [age		
			began YY-MM]		

### Section 9: NUTRITION

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.	·		_		up
	SMA patients sometimes have trouble eating and so to be fed through a feeding tube. A gastric feeding t directly into the stomach through an incision in the nasogastric tube) is one that goes through the nose	tummy. A nasal feeding tube (also called			
9.00	Have you ever used a gastric or nasal tube for feeding?		Never; Previously fed only by tube [start and end date MM-YYYY]; Previously for supplementary feeding e.g. fluids [start and end date MM- YYYY]; Currently fed only by tube	X	X



### Section 10: PULMONARY FUNCTION

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
	Ventilation means breathing support from a mechal invasive ventilation via a face or nose mask, or invato make an incision in the wind-pipe) or endotrache pipe). Ventilatory support can be used all day or for	sive ventilation via a tracheostomy (an operation al tube (a breathing tube is inserted into the wind-			
10.00	Have you ever used invasive ventilation?		Never; Previously [start date MM-YYYY] and [end date MM-YYYY]; Currently [start date MM-YYYY]; Not known	X	X
10.01	If you have used invasive ventilation, how frequently?		Full-time; part- time; Not known	Х	Х
10.02	If you have used invasive ventilation, when did this start?		MM-YYYY	Х	Х



				/	redionnascular is
10.03	Have you ever used non-invasive ventilation?		Never; Previously [start date MM-YYYY] and [end date MM-YYYY]; Currently [start date MM-YYYY]; Not known	Х	Х
10.04	If you have used non-invasive ventilation, how frequently?		Full-time; part- time; Not known	Х	Х
10.05	If you have used non-invasive ventilation, when did this start?		MM-YYYY	X	Х
10.06		Do you receive help with clearing out the secretions (e.g. mucus) that build up in your airways and lungs? This could be a manual technique, like chest physiotherapy, or a mechanical support such as a Cough Assist device.	Yes; No	Х	Х
	If you answered yes to the previous question, please select more than one). For each one, please tell us h				
10.07	select more than one). For each one, piease ten as i	Suction	Daily; Weekly; Occasionally	Х	Х
10.08		Chest percussion	Daily; Weekly; Occasionally	Х	Х
10.09		Cough Assist device	Daily; Weekly; Occasionally	Х	Х
10.10		IPPV (Intermittent positive-pressure ventilation)	Daily; Weekly; Occasionally	Х	Х
10.11		Other (Please Specify)	Daily; Weekly; Occasionally	Х	Х
10.12	To monitor your breathing, a Forced Vital Capacity (FVC) test may have been done. To test FVC, you		Yes; No; Not known	Х	Х



	would have been asked to breathe in as far as you			
	can, and then blow out into a machine that			
	measures how much air is being exhaled. Have			
	you had a Forced Vital Capacity (FVC) test?			
10.13	If you have had a FVC test, when was your most	DD-MM-YYYY	Χ	Χ
	recent one?			

### Section 11: THERAPIES AND MEDICATIONS

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
11.01	Have you ever received Spinraza?		Currently;	X	Χ
	(Question will be modified in future if additional		Previously;		
	therapies are approved)		Never		
11.11	Have you taken any other prescribed drugs in the		Yes; No; Not	Х	Χ
	last 12 months (first entry) / since you last		known		
	updated your data (follow-up)?				
11.12	If you have taken other prescribed drugs, please		Bone health:		
	tell us which ones if you know (you can select		Vitamin D;		
	more than one).		Calcium;		
			Biphosphonate;		
	* Please note; the inclusion of a supplement in this		Gastro intestinal		
	list does not necessarily indicate TREAT-NMD		system: Drugs		
	endorsement.		for		
			gastroesophage		
			al reflux; Drugs		
			for constipation;		
			Respiratory		
			system:		
			Antibiotics;		
			Anticholinergic		
			drugs;		



				/	recuronnuscular re
			Immunisations:		
			Annual influenza		
			immunizations;		
			Annual		
			pneumococcal		
			immunizations;		
			Supplements*:		
			Creatine; Acetyl-		
			L-carnitine;		
			Phenylbutyrate;		
			Gabapentin;		
			Thyrotropin-		
			releasing		
			hormone;		
			Hydroxyurea;		
			Valproate;		
			Albuterol;		
			Other (please		
			specify [free		
			text])		
			[Can add		
11.10			multiple]		.,
11.13		For each drug selected in 11.12: Start date (month	[MM-YYYY]	Χ	Х
44.44		& year)			
11.14		For each drug named in 11.12: Stop date (month	[MM-YYYY]	Χ	Х
11 20	Have your against a second and a file and the second as in the	& year) if not ongoing	Dh ath ana		Х
11.20	Have you received any of these therapies in the		Physiotherapy	Х	X
	last 12 months (first entry) / since you last		sessions (e.g.		
	updated your data <i>(follow-up)</i> ? (You can select more than one)		stretches);		
	more man one)		Respiratory physiotherapy		
			sessions;		
			Massage; Home		
			iviassage; nome		



 / 110	euromuscular Nei
programme (e.g.	
stretches/exerci	
ses);	
Hydrotherapy/w	
ater-based	
activity;	
Management of	
contractures	
using orthotics	
(e.g. ankle foot	
orthoses);	
Brace;	
Occupational	
therapy sessions	
/ input for home	
or equipment;	
Speech and	
language	
therapy	
sessions; Other	
(please specify	
[free text])	

## Section 12: HOSPITALISATIONS AND COMORBIDITIES

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
12.00	Have you been admitted to hospital in the last 12		Yes; No; Not	Χ	Χ
	months (first entry) / since you last updated your		known		
	data (follow-up)?				
12.01	If you answered 'Yes' to the previous question,		Planned;	Χ	Χ
	was it a planned hospital visit, or was it		Unexpected		



unexpected? (If you have had more than 1		[Can add		
hospital visit, please add each one.)		multiple]		
For each hospitalisation in 12.01: When were you		[MM-YYYY]	Χ	Χ
admitted for this visit? (month & year)				
For each hospitalisation in 12.01: How many days		[Numerical	Χ	Χ
did you stay in hospital?		value]		
In the last 12 months (first entry) / Since you last		Yes; No; Not	Χ	Χ
updated your data (follow-up), have you been		known		
diagnosed with any other illnesses or conditions				
not related to your SMA?				
If you answered yes to the previous question,		[Free text]		
please tell us what you have been diagnosed				
with? You can add more than one if needed.		[Can add		
		multiple]		
For each Comorbidity: Please tell us when this		[MM-YYYY]	Χ	Χ
started				
For each Comorbidity: Please tell us when this		[MM-YYYY]	Χ	Χ
ended (leave blank if you still have this condition)				
	hospital visit, please add each one.)  For each hospitalisation in 12.01: When were you admitted for this visit? (month & year)  For each hospitalisation in 12.01: How many days did you stay in hospital?  In the last 12 months (first entry) / Since you last updated your data (follow-up), have you been diagnosed with any other illnesses or conditions not related to your SMA?  If you answered yes to the previous question, please tell us what you have been diagnosed with? You can add more than one if needed.  For each Comorbidity: Please tell us when this started  For each Comorbidity: Please tell us when this	hospital visit, please add each one.)  For each hospitalisation in 12.01: When were you admitted for this visit? (month & year)  For each hospitalisation in 12.01: How many days did you stay in hospital?  In the last 12 months (first entry) / Since you last updated your data (follow-up), have you been diagnosed with any other illnesses or conditions not related to your SMA?  If you answered yes to the previous question, please tell us what you have been diagnosed with? You can add more than one if needed.  For each Comorbidity: Please tell us when this started  For each Comorbidity: Please tell us when this	hospital visit, please add each one.)  For each hospitalisation in 12.01: When were you admitted for this visit? (month & year)  For each hospitalisation in 12.01: How many days did you stay in hospital?  In the last 12 months (first entry) / Since you last updated your data (follow-up), have you been diagnosed with any other illnesses or conditions not related to your SMA?  If you answered yes to the previous question, please tell us what you have been diagnosed with? You can add more than one if needed.  For each Comorbidity: Please tell us when this started  For each Comorbidity: Please tell us when this  [MM-YYYY]	hospital visit, please add each one.)  For each hospitalisation in 12.01: When were you admitted for this visit? (month & year)  For each hospitalisation in 12.01: How many days did you stay in hospital?  In the last 12 months (first entry) / Since you last updated your data (follow-up), have you been diagnosed with any other illnesses or conditions not related to your SMA?  If you answered yes to the previous question, please tell us what you have been diagnosed with? You can add more than one if needed.  For each Comorbidity: Please tell us when this started  For each Comorbidity: Please tell us when this  [MM-YYYY] X

# Section 13: CLINICAL RESEARCH

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
13.00	Have you ever participated in a clinical trial?		Yes I am	Х	Χ
			currently		
			participating in		
			a clinical trial;		
			Yes I have		
			previously		
			participated in a		
			clinical trial; No		
			I have never		
			participated in a		



			clinical trial; Not		
			known		
13.01	Please tell us the name of the trial/trials, if you		[Free text]	Χ	Χ
	can remember. You can add more than one if		[Can add		
	needed.		multiple]		
13.02	For each trial named in 13.01: Please tell us the		[Free text]	Χ	Χ
	name of the drug that you received during this				
	trial, if you can remember.				
13.10		Are you currently part of any other registry and/or	Yes; No; Not	Χ	Χ
		natural history study?	known		
13.11		If 'Yes' to 13.10: Please tell us which one (you can	[Free text]	Χ	Χ
		add more than one if needed)	[Can add		
			multiple]		

# Section 15: PATIENT-REPORTED OUTCOMES (PRO)

Item	Mandatory data items	Highly encouraged data items	Coding	Baseline	Follow-
no.					up
15.02	How do you feel that your condition has changed		1=Very much	Χ	Х
	in the last 6 months?		improved;		
			2=Much		
			improved;		
			3=Minimally		
			improved; 4=No		
			change;		
			5=Minimally		
			worse; 6=Much		
			worse; 7=Very		
			much worse		
15.03	Curator should ensure that the date of the above		DD-MM-YYYY	Х	Х
	score is recorded				



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	Patient-reported registries may also choose to incorporate a patient-reported outcome measure (PROM) into their questionnaires. Validated PROMs known to TREAT-NMD are listed below, and registries would be asked to share with the Global Registry the score and date for each patient who has reported the PROM.  Selection of an appropriate PROM is at the discretion of the individual registry. Further information about each one will be available in the Outcome Measures Toolkit due for completion in May 2020.		
15.11	PedsQL (Paediatric Quality of Life Inventory)	X	Х
15.13	PEDI-CAT (Pediatric Evaluation of Disability Inventory - Computer Adaptive Test)	х	Х
15.15	SMA FRS (Spinal Muscular Atrophy Functional Rating Scale)	Х	Х
15.17	ACEND (Assessment of Caregiver Experience with Neuromuscular Disease)	Х	Х
15.19	ACTIVLIM  (ACTIVLIM measure of activity limitations)	Х	Х
15.21	DISABKIDS (DISABKIDS measurement of quality of life and level of distress)	х	Х



### 4. Feedback, Harmonisation & Revisions

The TREAT-NMD Global SMA Registry is one of several notable data collection initiatives in operation across the world. Harmonisation and comparability across these different data repositories is vital to ensure that the collected data meets the current and future needs of the SMA community.

Considerable work has gone into ensuring that the data collected by the TREAT-NMD registries, through this first iteration of the expanded core dataset, will be comparable with the data collected by other initiatives. However, many of these initiatives are still in development, and in addition to this, global consensus on the most appropriate and relevant data to collect is expected to continue to evolve over the coming years.

The TGDOC are committed to the continued harmonisation of the TREAT-NMD SMA Core Dataset with other data collection initiatives, and to the evolution of the dataset in response to the needs of the SMA community. Therefore, an **formal revision process** has been developed, which will allow suggested revisions to be accepted throughout the year, and considered and implemented (if appropriate) on a streamlined basis.

The first revision is planned to commence in March 2020 resulting in version 2 of the dataset in June 2020. Please note, we do not anticipate that these changes will be significant, and we are equally keen to limit the burden on the registries who will need to implement any changes made.

If you have any questions or feedback on the dataset, please contact <a href="mailto:joanne.bullivant@newcastle.ac.uk">joanne.bullivant@newcastle.ac.uk</a>.