1. Muscle MRI and Ultrasound

Table 1 Muscle MRI and Ultrasound Date and Location

| Test | Date Performed (YYYY-MM) | Where Performed |
| --- | --- | --- |
| Muscle MRI | Data to be filled in by site | Data to be filled in by site |
| Ultrasound | Data to be filled in by site | Data to be filled in by site |

1. Is a pattern seen?

Yes  No

1. If yes, is this pattern consistent with one described in a CMD subtype?

Yes  No, specify:

1. Thigh Muscles

Table 2 Thigh Muscles MRI and Ultrasound Results

| Muscle | Level of Involvement on MRI | Level of Involvement on Ultrasound | Pattern on Ultrasound |
| --- | --- | --- | --- |
| Vastus lateralis | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Vastus intermedius | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Rectus femoris | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Vastus medialis | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Adductor longus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Sartorius | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Adductor magnus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Gracilis | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Biceps femoris | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Semitendinosus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Semimembranosus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |

1. Calf Muscles

Table 3 Calf Muscles MRI and Ultrasound Results

| Muscle | Level of Involvement on MRI | Level of Involvement on Ultrasound | Pattern on Ultrasound |
| --- | --- | --- | --- |
| Gastrocnemius: medial | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Gastrocnemius: lateral | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Soleus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Tibialis anterior | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Tibialis posterior | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Extensor digitorum longus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Extensor digitorum brevis | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |
| Peroneus longus | Yes – severe  Yes – mild/moderate  No | Yes – severe  Yes – mild/moderate  No | Granular  Mixed  Streak-like |

## General Instructions

This form contains data elements that are collected from muscle imaging to assess progression of disease.

Responses to categories are obtained from health professionals performing the procedure and laboratory tests results.

## Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

* MRI and Ultrasound date performed - The preferred format for recording date is YYYY-MM. 9999-99 can be used to indicate an unknown date.