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.