1. Macular cube scan pattern (choose only one):

Macular Cube 512 x 128

Macular Cube 200 x 200

1: OCT Analysis Table

| Intentionally left blank | OD | OS |
| --- | --- | --- |
| Signal Strength | 1  2  3  4  5  6  7  8  9  10 | 1  2  3  4  5  6  7  8  9  10 |
| Total volume of the macular cube | (mm3): | (mm3): |
| Is the macular volume abnormally low? Choose only one | 0 = Macula is of normal thickness (green on the report)  1 = Macula is abnormally thin, in the 5th percentile (yellow on the report)  2 = Macula thickness is in the 1st percentile (red on the report)  9 = Macula is abnormally thick, in the 95th percentile (pale yellow on the report)  99 = Macula is abnormally thick, in the 99th percentile (pale pink on the report) | 0 = Macula is of normal thickness (green on the report)  1 = Macula is abnormally thin, in the 5th percentile (yellow on the report)  2 = Macula thickness is in the 1st percentile (red on the report)  9 = Macula is abnormally thick, in the 95th percentile (pale yellow on the report)  99 = Macula is abnormally thick, in the 99th percentile (pale pink on the report) |
| Average macular thickness of the cube | (µ): | (µ): |
| Is the average macular thickness abnormally low? Choose only one | 0 = Macula is of normal thickness (green on the report)  1 = Macula is abnormally thin, in the 5th percentile (yellow on the report)  2 = Macula thickness is in the 1st percentile (red on the report)  9 = Macula is abnormally thick, in the 95th percentile (pale yellow on the report)  99 = Macula is abnormally thick, in the 99th percentile (pale pink on the report) | 0 = Macula is of normal thickness (green on the report)  1 = Macula is abnormally thin, in the 5th percentile (yellow on the report)  2 = Macula thickness is in the 1st percentile (red on the report)  9 = Macula is abnormally thick, in the 95th percentile (pale yellow on the report)  99 = Macula is abnormally thick, in the 99th percentile (pale pink on the report) |

## General Instructions

This form contains data elements that are collected to measure macular thickness and volume by optical coherence tomography (OCT). This eye scan uses near infrared light to measure axonal and neuronal loss in the anterior visual pathway.

All elements on this CRF are classified as Exploratory and should only be collected if the research team considers them appropriate for their study.

## Specific Instructions

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

* Macular cube scan pattern – Choose Macular Cube 512 x 128 or Macular Cube 200 x 200.
* Macular cube signal strength – To be answered for OD and/or OS, as applicable. A score of greater than or equal to 7 produces the best reliability.
* Macular cube total volume – Record in cubic millimeters (mm3). To be answered for OD and/or OS, as applicable.
* Is the macular volume abnormally low? – Choose only one. To be answered for OD and/or OS, as applicable.
* Average macular thickness of the cube – Record in microns (µ). To be answered for OD and/or OS, as applicable.
* Is the average macular thickness abnormally low? – Choose only one. To be answered for OD and/or OS, as applicable.