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|  | Statement: Quality Improvement | Date Created:       | 03/2008   |
|  |                                | Date Last Approved: | 1/23/2024 |
|  |                                | Date Next Review:   | 1/23/2027 |

The Commission for Motion Laboratory Accreditation (CMLA) was incorporated in 1997 to create an accreditation review process that will enhance and sustain the quality of care for individuals with human movement disorders. The Board of Directors believes that the present review is reasonable, fair, and sustainable; however, it was developed considering the current clinical and technical environment. CMLA anticipates that motion laboratory technology and practices will evolve to ameliorate current or perceived weaknesses over time, necessitating adjustments to the accreditation process and evaluative criteria to reflect these changes.

Furthermore, clinical motion laboratories must strive to maintain relevance and uphold quality in the services offered to the public as methodologies evolve. For example, we currently ask for “documentation of methods to ensure accuracy (validity) of the motion capture system,” knowing that there are several methods of accomplishing this and that a gold standard has not been defined. As industry and other organizations work toward improved standards for establishing motion measurement validity, a particular procedure and methodology may be required by the CMLA. Similarly gold standards for force, electromyography (EMG) and other measurement systems used in motion analysis laboratories may also be developed. Standards may also be forthcoming regarding how clinical reports should be written. Finally, there are no established standards for control data sets (how many subjects, age of subjects, control EMG data, etc.).

CMLA currently only ask that laboratories describe their methodology. In the future, the CMLA may provide more rigorous guidelines regarding best practices and/or control data sets. Please understand that the examples given are not exhaustive but are provided to give prospective applicants an idea of what may happen in future years.

It is important for the clinical motion laboratory community to know that the CMLA will continue to monitor and evaluate the accreditation process on an ongoing basis. Routine evaluation of the accreditation process will include feedback from the Board of Directors, application review team members, and the community at large. Details of such evaluations will be communicated in a timely manner so that laboratories can make changes in their programs as needed to achieve and maintain full accreditation in the future.

The CMLA Board of Directors would like to thank the motion laboratory community for their patience, participation, and feedback. If you have any questions or concerns do not hesitate to contact a member of the Board of Directors