Clinical Care Pathways for Children Diagnosed with Cerebral Palsy or at High Risk for Cerebral Palsy

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Clinical Care Pathway Clinical Care Pathway for Parent/Guardian for Medical Providers **Infant Displays** Detectable Children born with Cerebral Palsy experience Risks extra challenges in their lives with Other independence and mobility. The initiative to Pre-Referral NICU Medical Parents diagnose children in infancy either at high risk < 5 Months > 5 Months for cerebral palsy or confirmation of cerebral Provider Corrected Corrected palsy means they are able to receive services earlier in the most critical time of brain Age Age development when synapses are being formed. Therefore, early diagnosis and apprpriate early intervention is essential to If GM Motor HINE: <73 - High Risk for CP the overall development of the child. Clinical **General Movements Assessment Not** <40 - Usually CP Motor Assessment + MR care pathways provide directional guidance for Available and MRI Not **MRI for Abnormal** of Motor Areas in Brain + **Neuroanatomy** Safe/Affordable parents and medical providers to know a History Taking for Risk Evaluation HINE Score of <57 + step-by-step, evidenced based roadmap the Factors AIMS + NSMDA Trained Health child will need to follow to optimize function **Professional** and quality of life. These pathways have been developed based on evidence based Neuromotor publications, referral patterns in New Mexico and around the nation, and work of the Early Evaluation Results Cerebral Palsy Risk Detection and Intervention Task Force. Positive Negative Result Result Cerebral Referral High Risk For Neither Pediatrician Cerebral Palsy Palsy Follow Up Cerebral UNM High Early Pediatrician Outpatient Pediatrician Determine Palsy Intervention Risk of CP Follow Up with Follow Up Severity & Clinic (FIT if follow up Clinic Qualified) Monitoring **Impairments** clinic Refer to early intervention and **Evidence-based Interventions** outpatient doi:10.3389/fneur.2014.00185

*Necessary if the infant shows any one of the following: The inability to sit independently at 9 months of age Hand function asymmetry • The inability to take weight through plantar surface of feet If MRI Not Safe/Affordable HINE: <73 - High Risk for Cl <40 - Usually CP DAYC Novak, I., Morgan, C., Adde, L., Blackman, J., Boyd, R., Brunstrom-Hernandez, J. ... Badawi, N. (2017). Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, E1-E11. http://jamanetwork.com/ Early Diagnosis and Intervention Guidelines for Cerebral Palsy. (2018). Nationwide Children's. Retrieved from https://www.nationwidechildrens.org/medical-professional-publications/early-diagnosis-and-intervention-guidelines-fo Hadders-Algra, M. (2014). Early Diagnosis and Early Intervention in Cerebral Palsy. Frontiers in Neurology, 5, 1-13.

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