1 MAIN OUTCOME ASSESSMENT MODALITIES

In the supplementary literature we have studied, there have also been found – aside the above mentioned ones – around twenty assessment scales (at least about half of them very often mentioned/availed in different studies):

- Total Passive Range of Motion – pROM \[1\] (Sale et al., 2014)
- Medical Research Council – MRC – Scale for Muscle Strength (Motor Power MP) \[2\] (Paternostro-Sluga et al., 2008; Charles et al., 2005)
- Functional Independence Measure – FIM \[3\] (Norouzi-Gheidari et al., 2012)
- Activities of Daily Living – ADL (Shelkey and Wallace, 2012; Mehrholz et al., 2015)
- Chedoke–McMaster Stroke Assessment – CMSA, using the impairment inventory section (Miller et al., 2008; Veerbeek et al., 2017)
- Motricity Index arm subscale – “MI–arm” (Collin and Wade, 1990; Sale et al., 2014; Veerbeek et al., 2017)

1. https://www.dshs.wa.gov/sites/default/files/FSA/forms/pdf/13\OT1\textendash585a.pdf
2. http://www.medicalcriteria.com/site/home/64\OT1\textendashneurology/238\OT1\textendashneuromrc.html
3. http://www.tbims.org/combi/FIM/index.html https://sites.google.com/site/movementincontext6/the\OT1\textendashassessments/functional\OT1\textendashindependence\OT1\textendashmeasure
• Modified Rankin Scale – mRS (Veerbeek et al., 2017)
• (assessment of) Life Habits (Noreau et al., 2007; Gilliaux et al., 2015)
• Barthel Index – BI (Mahoney and Barthel, 1965; Kwakkel et al., 2008; Hesse et al., 2005)
• ARAT (APTA, 2011) pages: 8–10; (Mazzoleni et al., 2017)
• mAS (APTA, 2011) page: 30; (Bohannon and Smith, 1987; Sale et al., 2014)
• Arm Motor Ability Test – AMAT (APTA, 2011) pages: 13–29; (Veerbeek et al., 2017)
• Box and Block Test (BBT) of Manual Dexterity (Mathiowetz et al., 1985; Gilliaux et al., 2015)
• Quality of Upper Extremity Skills Test – QUEST (DeMatteo et al., 1992; Gilliaux et al., 2015)
• ABILHAND (Arnould et al., 2004; Gilliaux et al., 2015)
• Pediatric Evaluation of Disability Inventory – PEDI (Berg et al., 2004; Gilliaux et al., 2015)
• Hand–held dynamometer for strength assessment (Gilliaux et al., 2015; Le-Ngoc and Janssen, 2012)
• Jebsen–Taylor Test of Hand Function (Hwang et al., 2012)
• Motor Activity Log (Taub et al., 2011; Stein et al., 2011; Takahashi et al., 2016)
• Assisting Hand Assessment (AHA) (Holmefur, 2009; Krumlinde-Sundholm et al., 2007; Bishop et al., 2017)

REFERENCES

APTA (2011). *Compendium of Instructions for Outcome Measures - StrokEDGE Taskforce*. APTA


Holmefur, M. (2009). The Assisting Hand Assessment: continued development, psychometrics and longitudinal use (Karolinska Institutet)


Paternostro-Sluga, T., Grim-Stieger, M., Posch, M., Schuhfried, O., Vacariu, G., Mittermaier, C., et al. (2008). Reliability and validity of the Medical Research Council (MRC) scale and a modified...


