STANDARD TREATMENT WORKFLOW (STW)

Children with Developmental Problems

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Standard Treatment Workflow (STW) for the Management of CHILDREN WITH DEVELOPMENTAL PROBLEMS ICD10-F70-89



ASSESSMENT

- DETAILED DEVELOPMENTAL
 ASSESSMENT:

 Assess if child is lagging behind in developmental attainments compared to same-age children
 Ask mother to estimate the mental age of child
 Ascertain if delay is global (all milestones) or restricted to one area (motor or speech)

- PHYSICAL EXAMINATION:

 Height and weight,
 Head circumference,
 Vision and hearing
 Any noticeable physical anomalies
 (club-foot) or unusual facial appearance
 Motor abnormalities (stiffness / spasticity or
 weakness of limbs, unsteady gait)
 Any other problems (heart murmurs,
 organomegaly)

BEHAVIOURAL PROBLEMS:

- Impulsive behaviors Sleeping and feeding problems

EMOTIONAL PROBLEMS:

- Excessive crying Irritability Shyness and fears

OTHERS:

- OTHERS:
 Family situation
 Parents' awareness of
 the child's problems
 Quality of attention
 and care being given
 to the child.
 Past consultations and
 treatment
 educational history

PSYCHO-EDUCATION OF PARENTS

- Normal reassure parents
 Mild delay ("at risk") early
 intervention and follow-up
 Explain causation due to some
 damage to brain before, during or
 after birth
 No medication can improve
- intelligence Teaching and training to improve
- Teaching and training to improve skills and gaining independence Systematic, persistent and repetitive training as per the child's ability Treatment of associated problems (vitamin or mineral deficiency or epilepsy, ADHD, vision/ hearing issues,) refer to appropriate STW Avoid overprotection, overindulgence and understimulation

- EARLY INTERVENTION / SENSORY-MOTOR STIMULATION FOR YOUNG CHILDREN UNDER 3 YEARS

 Create opportunities for the child to learn with interset and attention
 Engaging and spending time with child in activities
 Offer appreciation
 Engage the child to use eyes and ears (different types of sounds and sights), touch (eg., tickling, stroking, gentle massaging), movements (gentle movement of limbs, gentle bouncing, range of movement exercises) and improving hand functions (taking, holding, giving, pushing, pulling)
 Use play materials-rattles, paper balls, rubber balls, clay, soft dough, water play, soap bubbles, vegetables.
 Parallel vocalization to improve utterances (making the same sound as the child immediately).
 Improve conceptual skills by classifying, arranging, sorting, and recognizing and naming activities (for eg., vegetable sorting, grain sorting, arranging vessels by their size and shape)

HOME-BASED PARENT MEDIATED SKILLS TRAINING

- relop and maintain regular, stimulating daily
- Develop and maintain regular, stimulating daily routines
 Teach parent to teach child: simple imitation, pointing, pretend-play, self-help skills (eating, toilet training, bathing, dressing), doing simple household chores (washing utensils, helping in cleaning house), social skills skills of interaction, simple academic skills, simple vocational skills, helping in kitchen under supervision, self-protection
 Find current level of adaptive abilities of the child and choose a target skill
 Tell and show how to do things (modelling), make the tasks simpler, break activities in simple steps and teach one step at a time, notice and praise even minor efforts and improvements (rewarding or reinforcing), using hand-on-hand techniques (keeping your hand on the child's hand and making them do the activity)

- Education and Intaining Liaise with schools and ensure child attends school that is most appropriate Assist in enrolment to special school Consider training in vocational skills (informal and formal) for older adolescents

- SOCIAL WELFARE / LIAISON MEASURES
 I.Q testing and certification for social welfare benefits
 Help parents to link with other agencies/ services that deal with
 such children such as CBR programs or parent associations

- Severe or multiple developmental problems
 History of regression (loss of acquired skills)
 Definite family history of ems (h/o similar developmental problem problem in the sibling)



REASONS



- Co-occuring severe behavioral or emotional problems
 Suspected case of ASD
 Suspected SLD
 Genetic counselling

- · Speech therapy or physiotherapy

SECONDARY CARE (DISTRICT HOSPITAL)

- Psychological testing for ID. SLD and diagnosis of ASD
 Basic management of ASD home-based parent-mediated training in social, communicative, and self-help skills
 Appropriate management of behavior problems with medication / psychosocial or behavioral intervention (see relevant STW's)
 Help parents access relevant services such as District Early intervention centres (DEIC's), parent organizations, and benefits

- Evaluate and manage children with severe IDD, ASD, multiple disabilities, and those with severe comorbid disorders such as ADHD, aggression, bipolar disorder, and psychotic disorders through multi-disciplinary approach
 Investigate for the cause review tests already done: imaging, genetic tests, metabolic tests (as per requirement); arrange for genetic counselling
 Manage treatable disorders (like hypothyroidism and inherited metabolic disorders)
 Manage comorbid physical health problems (like epilepsy, visual /hearing impairment, locomotor/orthopaedic problems)
 Assessment and management for SLD psychoeducation of the child and parents, liaison with school, teaching basic remediation techniques to parents, helping parents access relevant organizations, issue of exemption certificates, and decisions about further schooling such as open schooling

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★ KEEP A HIGH THRESHOLD FOR INVASIVE PROCEDURES

TThis STW has been prepared by national experts of India with feasibility considerations for various levels of healthcare system in the country. These broad guidelines are advisor are based on expert opinions and available scientific evidence. There may be variations in the management of an individual patient based on his/her specific condition, as decid the treating physician. There will be no indemnity for direct or indirect consequences. Kindly visit our web portal fetw. Gram. org. In for more information.

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