

children with cognitive impairment ([Voepel-Lewis, Malviya, Tait, et al, 2008](#)).

The Non-Communicating Children's Pain Checklist-Revised (NCCPC) is a pain measurement tool specifically designed for children with cognitive impairments ([Breau, McGrath, Camfield, et al, 2002](#)). The scale discriminates between periods of pain and calm and can predict behavior during subsequent episodes of pain ([Fig. 5-4](#)). The scale consists of six subscales (vocal, social, facial, activity, body and limbs, physiologic signs), which are scored based on the number of times the items are observed over a 10-minute period (0 = not at all; 1 = just a little; 2 = fairly often; 3 = very often). The NCCPC has been used during the postoperative period and was effective in measuring pain in the clinical setting ([Massaro, Ronfani, Ferrara, et al, 2014](#)).