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(54) Title: METHODS FOR TREATING PREMATURE NEWBORN INFANTS BY ADMINISTRATION OF RECOMBINANT HUMAN SURFACTANT PROTEIN D (RHSP-D)

(57) Abstract: A method for reducing the duration of mechanical ventilation in a premature infant at risk for developing bronchopulmonary dysplasia (BPD) includes administering an effective amount of recombinant human surfactant protein D (rhSP-D) to the infant. In further aspects a method for reducing the duration of days in a hospital in a premature infant at risk for developing BPD includes administering an effective amount of rhSP-D to the infant. In certain aspects a method for reducing a probability that a premature infant at risk for developing BPD will develop one or more secondary comorbidities of prematurity includes administering an effective amount of recombinant human surfactant protein D (rhSP-D) to the infant. Pharmaceutical compositions for use in the described methods and uses of a pharmaceutical composition are also described.