

Perinatal Neuroblastoma: Expectant Observation: A Children's Oncology Group Pilot study (COG ANBL00P2)

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Synopsis:

This pilot study will investigate the safety and efficacy of observation in neonates with small adrenal masses. The majority of these patients have low risk neuroblastomas that are likely to regress spontaneously. Due to the previously observed difficulty of randomizing patients between operative and non-operative arms of surgically oriented studies, this protocol was designed as a non-randomized investigation in which parents can elect to have their child undergo close observation rather than immediate excision. During observation the patients will have frequent imaging studies and measurements of urine catecholamines. Any significant increase in tumor volume or urine catecholamine secretion will result in more frequent observation, followed by definitive resection if the values do not rapidly return to baseline level.

The event-free survival and overall survival of these infants will be compared to historical controls.