Organization LUND UNIVERSITY	Document name DOCTORAL DISSE	ERTATION
	Date of issue 11 Ap	oril, 2008
	Sponsoring organizati	ion
A .:. ()		
Author(s) Riffat Cheema		
Title and subtitle		
Role of Cerebral Blood Flow in Fetal S	Surveillance	
Abstract		
arteries and the umbilical vein and ductus ve analyze the correlation between brain sparing impedance; 4) to evaluate the correlation betw Pulsating Galen vein was seen in 8% of the n sparing was strongly related to the increasing chronic hypoxemic fetuses managed to maint	pler in the cerebral veins and uter mosus with correlation with adver- g and redistribution of circulation ween brain sparing and fetal umb normal and 58% of the high-risk p g placental vascular resistance. Do	ine, umbilical and middle cer rse perinatal outcome; 3) to and placental vascular ilical cord blood gases at bir oregnancies. The degree of br espite signs of brain sparing,
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler c umbilical vein might show late Doppler chan pulsations were most predictive of adverse pe	delivery for fetal distress, admiss The results suggest that uterine, i shanges during surveillance, wher ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was for sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler c umbilical vein might show late Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g	delivery for fetal distress, admiss The results suggest that uterine, t shanges during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was for sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno hypoxemia. Umbilical veno
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se	and the coloud gases at birth delivery for fetal distress, admiss The results suggest that uterine, i shanges during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was fision to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno ; vein of Galen
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler c umbilical vein might show late Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se Supplementary bibliographical information:	and the coloud gases at birth delivery for fetal distress, admiss The results suggest that uterine, i shanges during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was fo sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno ; vein of Galen
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se Supplementary bibliographical information:	and the conou gases at birth delivery for fetal distress, admiss The results suggest that uterine, i shanges during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was fo sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno system of Galen Language English
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se Supplementary bibliographical information: ISSN and key title:	delivery for fetal distress, admiss The results suggest that uterine, i shanges during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was fi sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno ; vein of Galen Language English ISBN
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler c umbilical vein might show late Doppler chan pulsations were most predictive of adverse per key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se Supplementary bibliographical information: ISSN and key title: 1652-8220	and the coloud gases at birth delivery for fetal distress, admiss The results suggest that uterine, i changes during surveillance, when ges in cases of suspected chronic erinatal outcome.	h. A strong correlation was fi sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno ; vein of Galen Language English ISBN 978-91-85897-95-7
between signs of brain sparing and operative unit, and small-for-gestational-age newborn. arteries and Galen vein show early Doppler c umbilical vein might show late Doppler chan pulsations were most predictive of adverse pe Key words: Doppler; brain sparing; blood g Classification system and/or index termes (if ar Riffat.Cheema@med.lu.se Supplementary bibliographical information: ISSN and key title: 1652-8220 Recipient's notes	Autor for fetal distress, admiss The results suggest that uterine, i changes during surveillance, when ges in cases of suspected chronic erinatal outcome. asses; fetus; pregnancy; pulsation; ny):	h. A strong correlation was fi sion to neonatal intensive car umbilical and middle cerebra reas the ductus venosus and hypoxemia. Umbilical veno ; vein of Galen Language English ISBN 978-91-85897-95-7 Price

Distribution by (name and address)