Diagnosis of Fetal Myelomeningocele

Referral & records received

US/MRI  Fetal echocardiogram  Genetic counseling  Pediatric neurosurgery consult  Pediatric surgery consult  MFM/fetal intervention consult  Social work

Multidisciplinary review

MOMs criteria for fMMC repair

Fetal criteria
Singleton
<25 6/7 weeks gestation
Isolated NTD
Lesion @ T1-S1
No kyphosis >30 degrees
Normal karyotype/FISH

Maternal criteria
BMI ≤35
No previous hysterotomy or previous classical uterine c-section
No history of spontaneous preterm delivery
Cervical length >25mm
No significant comorbidities

fMMC repair candidate

Standard postnatal repair

NO

YES

Offer open method of fMMC repair prior to 25 6/7 wks gestation

Offer fetoscopic in-utero repair under research protocol

Accept  Decline

Proceed with postnatal repair

Revised 9/2015. These algorithms have been developed for the purpose of unifying the general care of patients. They are not intended to serve as a rigid protocol or a written proxy for the standard of care. They are not intended to impose standards of care preventing selective variances from the guidelines to meet the specific and unique requirements of individual patients. These algorithms do not preclude the use of the physician’s clinical judgment in a specific situation. The algorithms remain the intellectual property of Texas Children’s Hospital. They cannot be reproduced in whole or in part without the expressed permission of Texas Children’s Hospital.