**CONGENITAL DIAPHRAGMATIC HERNIA FORM**

**(To be used for patients born on or after 1/1/2015)**

**ULTRASOUND AND MRI DATA COLLECTION: ONLY FOR PRENATALLY DIAGNOSED CDH**

Center #:  Patient #: Date of Birth:  Time of Birth:

EDC (Estimated Date of Conception) for fetus:

Maternal: Age:  (years) G P

**FIRST PRENATAL ULTRASOUND:**

Date:

Gestational age at time of exam: weeks

Side of Hernia: [ ]  Left [ ]  Right [ ]  Bilateral [ ]  Central

Sign of Hydrops: [ ]  None [ ]  Skin edema [ ]  Pleural effusion [ ]  Pericardial effusion [ ]  Ascites

Liver Herniation:

[ ]  No [ ]  Yes- If yes, [ ]  <1/3 thoracic cavity height [ ]  ≥1/3 thoracic cavity height

% herniation if known: %

LHR:  (range 0.5 – 2.5)

Method used: [ ]  Method A [ ]  Method B [ ]  Method C [ ]  Unknown/not stated

Observed/Expected LHR:  (range 0 – 150 %)

Lung/Thorax (L/T) ratio:  (range 0 – 0.5)

Stomach Herniation (Kitano Method- see manual for explanation):
[ ]  Grade 0 [ ]  Grade 1 [ ]  Grade 2 [ ]  Grade 3

Stomach Herniation (Cordier Method- see manual for explanation):
[ ] Grade 1 [ ]  Grade 2 [ ]  Grade 3 [ ]  Grade 4

To calculate Modified McGoon index:

Diameter Aorta: mm

Diameter Left Pulmonary Artery: mm

Diameter Right Pulmonary Artery: mm

Was tracheal occlusion done? [ ]  No [ ]  Yes

 If yes, at what gestational age (weeks) was occlusion done:

If yes, at what gestational age (weeks) was occlusion removed:

Other malformations? [ ]  No [ ]  Yes - If yes, provide details:

**SECOND PRENATAL ULTRASOUND:**

Date:

Gestational age at time of exam: weeks

Side of Hernia: [ ]  Left [ ]  Right [ ]  Bilateral [ ]  Central

Sign of Hydrops: [ ]  None [ ]  Skin edema [ ]  Pleural effusion [ ]  Pericardial effusion [ ]  Ascites

Liver Herniation:

[ ]  No [ ]  Yes- If yes, [ ]  <1/3 thoracic cavity height [ ]  ≥1/3 thoracic cavity height

% herniation if known: %

LHR:  (range 0.5 – 2.5)

Method used: [ ]  Method A [ ]  Method B [ ]  Method C [ ]  Unknown/not stated

Observed/Expected LHR:  (range 0 – 150 %)

Lung/Thorax (L/T) ratio:  (range 0 – 0.5)

Stomach Herniation (Kitano Method- see manual for explanation):
[ ]  Grade 0 [ ]  Grade 1 [ ]  Grade 2 [ ]  Grade 3

Stomach Herniation (Cordier Method- see manual for explanation):
[ ] Grade 1 [ ]  Grade 2 [ ]  Grade 3 [ ]  Grade 4

To calculate Modified McGoon index:

Diameter Aorta: mm

Diameter Left Pulmonary Artery: mm

Diameter Right Pulmonary Artery: mm

Other malformations? [ ]  No [ ]  Yes - If yes, provide details:

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**PRENATAL MRI:**

Date:

Gestational age at time of exam: weeks

Side of Hernia: [ ]  Left    [ ]  Right    [ ]  Bilateral [ ]  Central

Lung volumes:  Left ml   Right ml Total (left + right) ml

TV: Thoracic volume  (ml)

MV: Mediastinal volume  (ml)

Percent Predicted Lung volume (PPLV) %

PPLV = Total lung volume \* 100 / (Thoracic volume – Mediastinal volume)

O/E total lung volume:

Liver: estimated percent of liver in chest:  % (0 = all liver in abdomen / 100 = all liver in chest)

Grading of location of the fetal stomach (Usui Method- see manual for explanation):

Stomach Herniation:   [ ]  Grade 0      [ ]  Grade 1      [ ]  Grade 2      [ ]  Grade 3

Other malformations? [ ]  No    [ ]  Yes - If yes, provide details:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_