

**Procedure Name:** Hip (pediatric)

Updated: 01/30/12, approved 9/2011

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**Indications:**

May include but not limited to congenital hip abnormalities, injury, follow up to prior exam, or any other valid medical reason. Contraindicator based on patient age (generally performed from 0-4 months age range but not before 2 weeks old if performed for developmental dysplasia of hip).

**General Description:**

A complete examination of the hips includes assessment and imaging of the hips bilateral with and without stress.

**Patient Preparation:**

NPO 3 hrs prior to study. Feeding (with bottle) at start of study to help induce calming effect.

**Equipment Selection and Settings:**

Select Pedi Hip from preset menu.

A linear 6.0MHz probe will be used for most patients. The sonographer should use the preprogrammed setting for the appropriate body part and adjust gain, depth and transmit zone settings to optimize images. Fill out any applicable impression or worksheet upon completion of exam.

**Imaging Sequence:**

The following imaging sequence is for a normal exam. If pathology is visualized include additional images to demonstrate dimensions in three planes, texture, size, shape, and relationship to adjacent anatomy. Utilize color flow to aid in the determination of any possible abnormality and to demonstrate blood flow.

**Right Hip**

- Image patient data (demographics page)
- Coronal image with and without angle measurement X3
- Transverse view X3
- Transverse view with stress X2

**Left Hip**

- Coronal image with and without angle measurement X3
- Transverse view X3
- Transverse view with stress X2