

## Diagnostic Genetic Testing And Counseling

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### 1.0 DESCRIPTION

Genetic testing intended to be confirmatory of a clinical diagnosis which is already suspected based on the patient's symptoms or risk status. Under the family planning benefit, genetic testing may also be performed in certain high risk individuals and pregnancies. For the purposes of the TRICARE benefit, genetic testing includes specific tests to detect developmental abnormalities as well as tests for specific genetic defects.

### 2.0 POLICY

**2.1** Genetic counseling provided by an otherwise authorized provider is covered and must precede the actual diagnostic genetic testing.

**2.2** Diagnostic genetic testing when medically proven and appropriate and when the results of the test will influence the medical management of the individual or pregnancy is a TRICARE benefit.

**2.3** The following diagnostic tests are covered. This is not an all inclusive list, but provides examples of covered diagnostic tests.

**2.3.1** Chromosome analysis (to include karyotyping and/or high resolution chromosome analysis) in some cases of habitual abortion or infertility.

**2.3.2** Testing for Marfan Syndrome and chromosome analysis (to include karyotyping and/or high resolution chromosome analysis) of children. Common indications for chromosome analysis in children to include ambiguity of external genitalia, small-for-gestational age infants, multiple anomalies and failure to thrive.

**2.3.3** Other medically necessary genetic diagnostic tests.

### 3.0 EXCLUSION

Routine genetic testing that does not influence the beneficiary's medical management.

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