



**UM-CDG-058 Videofluoroscopy, Dynamic MRI for  
Musculoskeletal Indications**

**Approved By:  
Director, Health Services**

**Effective Date:  
10/20/2025**

***This Policy applies to all SECUR affiliates, associates, and subsidiaries.***

Approved by Courtney Gonzales, Director of Health Services on behalf of the Utilization Management Committee.

## **PURPOSE**

This coverage determination guideline serves to address videofluoroscopy and dynamic magnetic resonance imaging (MRI) for musculoskeletal Indications. Fluoroscopy is a type of radiographic imaging that shows movement in a body part or movement of a contrast agent in the body. When used for musculoskeletal indications, it may be utilized for evaluation of the spine, movement of joints, and other areas of the skeletal system. Videofluoroscopy, also known as cineradiography, fluoroscopic imaging is recorded to allow for repeated viewing at various speeds, to aid in determining the area of joint dysfunction.

Digital motion x-rays are screen film or computer-based snapshots taken in sequence. Dynamic visualization describes several different imaging techniques including videofluoroscopy, vertebral motion analysis, and digital motion x-ray. Vertebral motion analysis uses imaging like dynamic visualization with the addition of controlled movement and computerized tracking analysis. Dynamic (kinematic) or upright MRI provides images of the spine under daily living or weight bearing conditions. A vertically open configuration MRI enables sitting or standing during image capture and positional changes of the neck and back can also be viewed.

For SECUR Health Plan members, National Coverage Determinations (NCD) and Local Coverage Determinations (LCD) will be applied to requests when applicable. SECUR Health Plan Coverage Determination Guidelines (CDG) will be utilized in the absence of an appropriate NCD and/or LCD.

## **DEFINITIONS**

None

## **POLICY**

SECUR Health Plan considers the following imaging techniques for musculoskeletal indications as not medically necessary:

1. Digital motion x-ray
2. Dynamic MRI
3. Dynamic visualization
4. Flexion-extension MRI
5. Positional, standing, upright, or weight bearing MRI
6. Vertebral motion analysis
7. Videofluoroscopy (cineradiography)

Review of current medical literature shows insufficient evidence of effectiveness and long term benefits for these

services.

References:

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4. ECRI Institute. Clinical Evidence Assessment. Dynamic spinal visualization for assessing lumbar spine abnormalities. <https://www.ecri.org>. Published July 27, 2023.
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