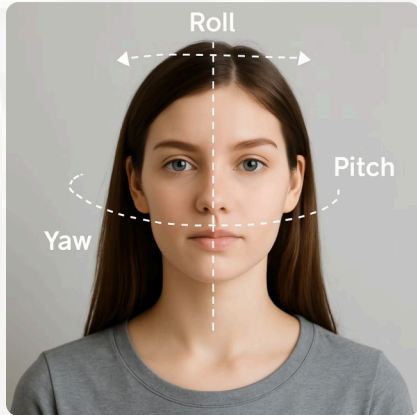




# The Smartray® GLX 0.1

## AI-Powered Head Positioning System

The Smartxray, LLC US Patented / AI-Powered Head Positioning System



### INTRODUCTION

Smartray® GLX 0.1 is a revolutionary AI-powered medical device engineered to bring precision and standardization to **head positioning** requiring **weight-bearing X-ray imaging** studies of the **Cervicocranial Junction' (CCJ) major stabilizing ligaments**. It is designed to aid in the accurate evaluation of CCJ ligamentous injuries.

### TECHNICAL SPECIFICATIONS

- **Device Name:** Smartray® GLX 0.1
- **Technology:** Artificial Intelligence (AI), Computer Vision
- **Intellectual Property:** US Patent 12,322,133
- **Measurement Axes:** Roll, Pitch, Yaw (3D Head Positioning)
- **Use Case:** Cervicocranial Junction Major Stabilizing Ligaments Imaging
- **Compatibility:** All standard X-ray units
- **Mode:** Neutral / Weight-bearing

### WHO BENEFITS?

- **Diagnostic Imaging Facilities**
- **Physicians & Spine Specialists**
- **Patients**
- **Compensation and Permanency Evaluators**

### WHY SMARTRAY® GLX 0.1 MATTERS

Manual positioning always **have issues rendering CCJ major stabilizing ligament data completely undiagnostic**. Coupling together Smartray® GLX 0.1 with stationary X-ray ensures **true orthogonal AI-supported head alignment** and quick undistorted imaging with feedback and the highest safety profile. It's the **first and only head positioning system** designed to be used with X-ray modality which eliminates guesswork in CCJ soft tissue radiology.

### KEY FEATURES

- ✓ **AI-Guided Head Positioning System**
  - Real-time guidance using visual cues for **orthogonal alignment towards the X-ray beam**
  - Supports **roll, pitch, and yaw** axes of rotation
  - Designed for open mouth **neutral and open mouth neck side flexion weight-bearing** X-ray imaging studies which are more sensitive for sprain than any other existing imaging modality MRI, CT, X-ray utilizing arbitrary manual positioning
- ✓ **Universal Compatibility**
  - Integrates with **ALL existing X-ray systems**
  - No software-hardware reconfiguration required
  - Plug-and-use system with minimal setup
- ✓ **Clinical Accuracy and Safety**
  - Positioning is the key when it comes to CCJ major stabilizing ligaments evaluation.
  - Helps rule out ligament damage standard imaging with manual positioning often misses
  - Standardizes CCJ soft tissue imaging protocols
  - Enhances diagnostic outcomes for all physicians treating Upper Quarter Pain (Neurologists, PMR, Cranial Facial Pain Dentists, Chiropractors, etc.)
  - Enhances safety as the system as precision in positioning allows reduction of X-ray exposures required.
- ✓ **Physician-Friendly Design**
  - Easy to learn, intuitive interface
  - Visual feedback to guide head repositioning
  - Non-invasive and patient-safe

### CLINICAL USE CASES

- Sports and Car Accident Whiplash Neck Injuries
- Headaches

### CONTACT US

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