

# **Contrast Media Injector Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type**

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## **Abstracts**

### **Contrast Media Injectors Market Summary**

#### **Introduction**

Contrast media injectors (CMIs), encompassing single-head, dual-head, and syringeless injectors, are critical for delivering contrast agents in imaging procedures like CT and MRI, enhancing diagnostic accuracy for cardiovascular diseases (17.9 million deaths annually) and cancer (27.5 million new cases by 2040). These devices reduce contrast waste and improve patient safety through automation. The market is driven by rising non-communicable diseases (41 million deaths), aging populations, and minimally invasive surgeries. Innovations like smart injectors with EMR integration boost adoption. The global market is projected to reach between USD 810 million and USD 1,170 million in 2025, with a CAGR of 6.6% to 8.3% through 2030.

#### **Regional Analysis**

**North America:** The U.S. leads with high CVD prevalence, while Canada focuses on advanced imaging.

**Europe:** Germany, France, and the UK drive demand due to robust diagnostic infrastructure.

**Asia Pacific:** China sees growth from rising cancer cases, while Japan emphasizes elderly care.

Rest of the World: Brazil expands imaging services, and the Middle East invests in diagnostics.

### Application Analysis

Hospitals: Expected growth of 6.7%-8.4%, driven by high imaging volumes. Trends focus on automation.

Diagnostic Centers: Projected growth of 6.6%-8.3%, linked to outpatient diagnostics. Developments emphasize efficiency.

Ambulatory Surgery Centers: Anticipated growth of 6.8%-8.5%, suited for minimally invasive procedures. Advances prioritize portability.

### Type Analysis

Single-head Injectors: Expected growth of 6.5%-8.2%, valued for cost-efficiency. Trends highlight reliability.

Dual-head Injectors: Projected growth of 6.7%-8.4%, key for high-throughput imaging. Advances focus on precision.

Syringeless Injectors: Anticipated growth of 6.9%-8.6%, driven by waste reduction. Innovations emphasize smart integration.

### Key Market Players

Leading firms include Bracco Group, partnering for syringeless injectors; Bayer HealthCare, launching MEDRAD Stellant; GE Healthcare, expanding production; Ulrich Medical, collaborating on multi-dose injectors; Guerbet Group, enhancing imaging solutions; Medtron, focusing on precision; Nemoto Kyorindo, scaling technology; Hong Kong Medi Co Limited, targeting diagnostics; and Sino Medical-Device Technology, innovating in injectors.

### Porter's Five Forces Analysis

Threat of New Entrants: Moderate, due to high regulatory and technological barriers, though niche innovators can enter.

**Threat of Substitutes:** Low, as CMIs are essential for contrast-enhanced imaging with no direct alternatives.

**Bargaining Power of Buyers:** Moderate, with facilities seeking cost-effective, precise injectors, though clinical needs limit options.

**Bargaining Power of Suppliers:** Low, with multiple component providers.

**Competitive Rivalry:** High, with competition on automation, integration, and cost.

## Market Opportunities and Challenges

### Opportunities:

Non-communicable diseases (41 million deaths) and cancer (27.5 million cases by 2040) drive demand.

Aging populations (28% over 60 by 2040) boost needs, while smart injectors and minimally invasive surgeries enhance adoption.

Imaging procedure growth increases usage.

### Challenges:

High costs of advanced injectors limit access in low-income regions.

Regulatory delays for smart tech slow growth.

Shortages of contrast media restrict expansion.

## Market News

In November 2023, Bracco partnered with Ulrich Medical for syringeless magnetic resonance injectors in the U.S.

In November 2022, GE Healthcare collaborated with Ulrich Medical for multi-

dose CMIs in the U.S.

In November 2022, GE Healthcare invested USD 80 million to increase contrast media production capacity.

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