ACCELERATE PATIENT CARE

THE INNOVATION AND SUPPORT TO

Bracco is here for your radiology department with a portfolio of contrast injectors and customer support to help you drive care into the future.
When you need to get **INTO THE EXPRÈS LANE**

**CT Exprès®**

Contrast Media Delivery System

For use with **ISOVUE®** (iopamidol injection) Imaging Bulk Package

In combination with ISOVUE (iopamidol Injection) Imaging Bulk Package (IBP) and multi-dose normal saline (sodium chloride 0.9%), the CT Exprès injector delivers breakthrough syringe-less technology that speeds turnaround time, reduces waste, and allows for a savings of 2 minutes per exam.1*

**INCREASED THROUGHPUT AND PATIENT CARE1-3**

- The FDA-approved and Joint Commission-compliant multi-dose, multi-patient combination product that can accommodate multiple patients by dosing on demand2†

- Greater dosing efficiency with ISOVUE at high concentration (370 mg/l/mL) for the potential of less contrast use3,4

- Compliant multi-dosing of saline with FDA-approved tag5

*With FDA-approved tag.  †A maximum use time of 10 hours from initial closure entry is permitted to complete fluid transfer.

**IMPORTANT SAFETY INFORMATION**

**CT Exprès® 3D Contrast Media Delivery System**

**INDICATIONS:**
The CT Exprès 3D Contrast Media Delivery System is indicated for controlled automatic administration, on the venous side, of contrast media and saline, to human subjects while undergoing examination by means of a computed tomography (CT) scanner.

The CT Exprès 3D Contrast Media Delivery System is specifically indicated for use in CT procedures for the delivery of ISOVUE® (iopamidol Injection) contrast media as supplied in an Imaging Bulk Package (IBP), for a maximum of 20 bottles of contrast media or a maximum of ten (10) hours, whichever comes first, per Day Set III HP disposable. The Bottle Spike disposable is for single-bottle use only and must be discarded with the contrast media bottle. The Patient Set must be discarded after each patient procedure.

The CT Exprès 3D Contrast Media Delivery System is to be used only by and under quasi-continuous supervision of trained health care professionals in an appropriate licensed health care facility, in a room designated for radiological procedures that involve intravascular administration of a contrast agent.

**CONTRAINDICATIONS:**
This device is not intended for injection of contrast media for coronary arteriography, or for any other use for which the device is not indicated.

**Indications and Usage for ISOVUE®-300 (iopamidol Injection 61%) Imaging Bulk Package6 and ISOVUE®-370 (iopamidol injection 76%) Imaging Bulk Package6**

Isovue (iopamidol Injection) Imaging Bulk Package (IBP) is indicated for intravenous contrast enhancement of computed tomographic (CECT) imaging of the head and body in adult and pediatric patients.

**IMPORTANT SAFETY INFORMATION:**
Isovue IS NOT FOR INTRATHECAL USE. Iopamidol Injection is available as Isovue-M® for intrathecal administration.

Caution must be exercised in patients with severely impaired renal function, those with combined renal and hepatic disease, or anuria, particularly when larger and repeat doses are administered. Radiopaque diagnostic contrast agents are potentially hazardous in patients with multiple myeloma or other paraproteinemia, particularly in those with therapeutically resistant anuria. Caution should be exercised in hydrating patients with underlying conditions that may be worsened by fluid overload, such as congestive heart failure. Diabetic nephropathy may predispose to acute renal impairment following intravascular contrast media administration. Acute renal impairment following contrast media administration may precipitate lactic acidosis in patients who are taking biguanides. Preparatory dehydration is dangerous and may contribute to acute renal failure in patients with advanced vascular disease, diabetic patients, and in susceptible nondiabetic patients (often elderly with preexisting renal disease). Patients should be well hydrated prior to and following iopamidol administration. The possibility of a reaction, including serious, life-threatening, fatal, anaphylactoid or cardiovascular reactions, should always be considered. Patients at increased risk include those with a history of a previous reaction to a contrast medium, patients with a known sensitivity to iodine per se, and patients with a known clinical hypersensitivity (bronchial asthma, hay fever, and food allergies).

6The Isovue Imaging Bulk Package is for use with an automated contrast injector or a contrast management system approved or cleared for use with it.

**Please see full Prescribing Information for ISOVUE® in the pocket of this brochure.**

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 1-800-FDA-1088.
When you need to
TAKE WORKFLOW AND SAFETY TO A NEW LEVEL

The NEXO Contrast Management System helps you stay ahead of the curve by providing contrast delivery tracking and protocol management for innovative decision support.

CONTROL AND DATA AT YOUR FINGERTIPS
- Remote, streamlined protocol management across the injector fleet
- Automation and DICOM capture of patient contrast delivery injection records
- Seamless connectivity to RIS/PACS and the EmpowerCTA+ injector

STREAMLINING WORKFLOW
- Digital touchscreen technology to increase user control right beside your patient
- Saline advance to evaluate patency and vein integrity at the patient’s side
- Saline jump allows for immediate advancement or “jump” from contrast delivery to saline delivery, potentially minimizing the contrast volume a patient receives
- Increased control of contrast and saline delivery through variable flow rates
- Patented EDA™ (Extravasation Detection Accessory) assists users in the detection of a possible extravasation

DICOM=Digital Imaging and Communications in Medicine; GFR=glomerular filtration rate.
EmpowerMR®
Injector System

Equipped with a battery-free, hydraulic operation system, the EmpowerMR injector won’t slow you down.

READY TO GO WHEN YOU ARE

- Innovative battery-free hydraulic drive avoids the risk of battery failure
- Achieves consistent image quality by eliminating radio frequency transients with scanners up to 7T
- Assists users by helping to identify renally compromised patients with the integrated GFR calculator

When you need
MR SUITE EFFICIENCY FROM START TO FINISH
IMPORTANT SAFETY INFORMATION

EmpowerCTA®+ Injector System

INDICATIONS:
The EmpowerCTA+ Injector System is indicated for the vascular administration of contrast and flushing media in conjunction with computed tomography (CT) scanning of the body with an optional interface to a CT scanner and an optional calculator for glomerular filtration rate (GFR). The Extravasation Detection Accessory (EDA™) is an optional accessory and is indicated for the detection of extravasations of ionic and nonionic contrast during CT procedures using a power injector.

Protocols have been independently developed and are not intended as medical advice. Bracco and Bracco Ingeniering S.A. shall not be responsible for any physicians’ reliance on these or any other products.

CONTRAINDICATIONS:
The EmpowerCTA+ Injector System is not intended for use as a long-term infusion pump, nor is it intended to be used to inject any agents other than contrast or flushing media. Do not attempt to use the Injector for any other purpose (such as chemotherapy or drug infusion). The EmpowerCTA+ Injector System should not be used to inject substances into nonvascular body cavities. Any applications of the EmpowerCTA+ Injector System other than those described in its Operator Manual are inappropriate and should not be attempted.

Not all products available in all global markets.

EmpowerMR® Injector System

INDICATIONS:
The EmpowerMR Injector is indicated for vascular administration of contrast media and flushing media in conjunction with magnetic resonance imaging (MRI).

Protocols have been independently developed and are not intended as medical advice and Bracco and ACIST shall not be responsible for any physicians’ reliance on these or any other protocols.

Bracco Ingeniering S.A. reserves the right at any time and without notice, to change the specifications and features described herein, or to change the production or adjust the product described.

Not all products available in all global markets.

NEXO® Contrast Management System

Intended Use:
The NEXO Contrast Management System is a server-based application intended to be used as a data-management and visualization system. The NEXO Contrast Management System is able to read, store, share, compare/relate, as well as graphically display data and injection programs coming from RIS, PACS and multiple EmpowerCTA® enabled systems. This device provides users with record-lists, graphics and reports about data and performances.

This device is intended for retrospective and statistical data management and visualization. It is not intended for real time data visualization, diagnostic applications or for any other use for which the device is not indicated. This device is only to be operated by and under quasi-continuous supervision of qualified and trained staff in an appropriate licensed health care facility.

The NEXO Contrast Management System is compatible with the EmpowerCTA Injector System version 8.0, and EmpowerCTA+® Injector System version 9.0 and higher.

Bracco Ingeniering S.A. reserves the right at any time and without notice, to change the specifications and features described herein, or to change the production or adjust the product described.

Not all products available in all global markets.

About Bracco Ingeniering S.A.

Bracco Ingeniering S.A., located in Lausanne, Switzerland, is the most recently added Business Unit of Bracco Imaging. Bracco Ingeniering is committed to developing the best-in-class integrated injection solutions with a strong heritage in research and innovation. It provides quality solutions for state-of-the-art radiology centers, offering proven injection technology, built on Bracco Imaging’s expertise.

Thanks to this strengthened product portfolio, including the CT Express® 3D Contrast Media Delivery System, EmpowerCTA+® Injector System, EmpowerMR Injector System, NEXO Contrast Management System and NEXO [DOSE]® Multi-Modality Radiation Informatics, Bracco Imaging will be able to focus on constant innovation, not only for devices, but also for software development and data management.
The Bracco injector portfolio empowers efficiency and patient care through innovation in contrast delivery, informatics, and customer-centric support.

PATIENT-CENTRIC PRODUCTS, CUSTOMER-CENTRIC SUPPORT

Dedicated Clinical Applications Team
- Supports protocol optimization, educational programs, and product evaluations

Dedicated Account Managers
- Specialized to support you and maximize the performance of your practice

Medical Education
- Discover ongoing CE and CME support when it’s convenient for you by visiting: imagingeducation.com and/or appliedradiology.org/default.aspx

Dedicated Reimbursement Hotline
- For ongoing reimbursement assistance: Call 1-800-349-1388 or email askbracco@reimbursement.bracco.com

CT Exprès, EmpowerCTA+, EmpowerMR, and NEXO are distributed by Bracco Diagnostics Inc.: 259 Prospect Plains Road, Building H; Monroe Township, NJ 08831 USA; Phone: (800) 631-5245; Fax: (609) 514-2424; Customer Service: 1-877-BRACCO 9 (1-877-272-2269).

EmpowerMR and NEXO are manufactured by, and CT Exprès and EmpowerCTA+ are manufactured for, Bracco Injeneering S.A., Avenue de Sévelin 46, CH-1004 Lausanne, Switzerland. http://imaging.bracco.com

Isovue and Isovue-M are currently manufactured for Bracco Diagnostics Inc. at two locations: BIPSO GmbH, Singen (Germany) and Patheon Italia S.p.A., Ferentino (Italy). Bracco Professional Services: 1-800-257-5181 (option 2)

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NEXO questions: Nexo.Answers@diag.bracco.com
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