

Helping you deliver clinical excellence through our commitment to operational excellence

Meeting your patient and procedural needs

→ a broad portfolio of products across modalities, available in a range of concentrations, pack sizes and types

Ensuring supply will continue to meet your demand

→ \$240 million expansion in manufacturing capacity from 2013 to 2018¹

Allowing you to schedule procedures with confidence

→ global reach is supported by a direct logistics network, as well as multiple local distribution centres for punctual deliveries

Providing confidence in product and process quality

→ all sites are cGMP-accredited with an excellent track record and no enforcement actions²

cGMP: current good manufacturing practice

^{1.} GE Healthcare Data on File_Investment.

Committed to providing an array of contrast media

Products that meet your patient and procedural needs

Broad portfolio of products across modalities

Available in a range of concentrations, pack sizes and types, to meet your procedural needs



CT: computed tomography
MRI: magnetic resonance imaging

Committed to investment in supply chain capacity

Expansion so that supply continues to meet your demand

Generating one third of the global market, GE Healthcare already has the world's largest X-ray API manufacturing facility¹

With rapid patient and procedural growth, demand for X-ray contrast media has increased by ~20% between 2015-2018¹

So we have expanded our network, investing over \$240 million to increase capacity from 2013 to 2018²



Both primary API production and secondary filling and finishing capacity increased by more than 50% from 2013 to 2018²



Additional investments are in progress to take this capacity up by a further 30-40% by 2023²



- 1. GE Healthcare Data on File_Market Data.
- 2. GE Healthcare Data on File_Investment.



Committed to operational excellence

Thorough contingency planning to minimise risk to your contrast supply

GE Healthcare contrast media products are used in more than 100 million procedures a year¹



That is equivalent to three patients being injected every second



Maintaining supply is a priority

Four manufacturing sites







- All owned and managed by GE Healthcare for greatest control
- With multiple suppliers for security of iodine supply



Committed to delivering consistently high standards

Robust controls so you can have confidence in our products and processes

"The correct manufacture of medicinal products relies upon people"

Some 20% of employees across our global manufacturing sites work in quality assurance/quality control²



cGMP: current good manufacturing practice

- 1. EudraLex Volume 4 Good manufacturing practice (GMP) Guidelines. Available at: http://ec.europa.eu/health/documents/eudralex/vol-4/index_en.htm Accessed on: 12.10.16
- 2. GE Healthcare Data on File_Quality.
- 3. GE Healthcare Data on File_Inspection.



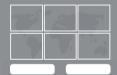
Committed to delivering on time

Smart logistics so you can schedule procedures with confidence



Punctual delivery is a priority

Global reach supported by a direct logistics network as well as over 25 local distribution centres



Products are shipped to over 130 countries

Expedited freight services are available for orders that are urgently required



Committed to workplace innovation

Packaging designed for your workplace efficiency and safety

+PLUSPAK™ is only available from GE Healthcare



Streamlining process and traceability:

Colour coding, triple-tracking stickers, integral hanger, easy to read both upside and down



Reducing hazard and downtime:1

No more broken bottles, no more glass or ring-pull injuries



- 1. Marshall G. Radiography 2008; 14: 128-34.
- 2. Gricar J et al. Radiol Manage 2007; SEP/OCT: 34-42.
- 3. Dhaliwal H et al. Int J Life Cycle Assess 2014; 19: 1965-73.

Committed to pipeline innovation

Pioneering developments benefitting your everyday practice

GE Healthcare have a distinguished heritage in contrast media development¹⁻⁴

- X-ray: from HOCM to LOCM, and then IOCM
- MRI: the first non-ionic agent







CM: contrast media IOCM: isosmolar CM HOCM: high osmolar CM LOCM: 'low' osmolar CM MRI: magnetic resonance imaging

- Grainger RG, Thomas AMK. In: Textbook of Contrast Media. Dawson P, Cosgrove DO, Grainger RG, eds. Isis Medical Media, Oxford. 1999.
- 2. Widmark JM. Proc (Bayl Univ Med Cent) 2007; 20: 408-17.
- 3. Almén T. Acta Radiol Suppl 1995; 399: 2-18.
- 4. Greco A et al. Radiology 1990; 176(2): 451-6.



Committed to delivering a network of support

Resources you can readily access should the need arise

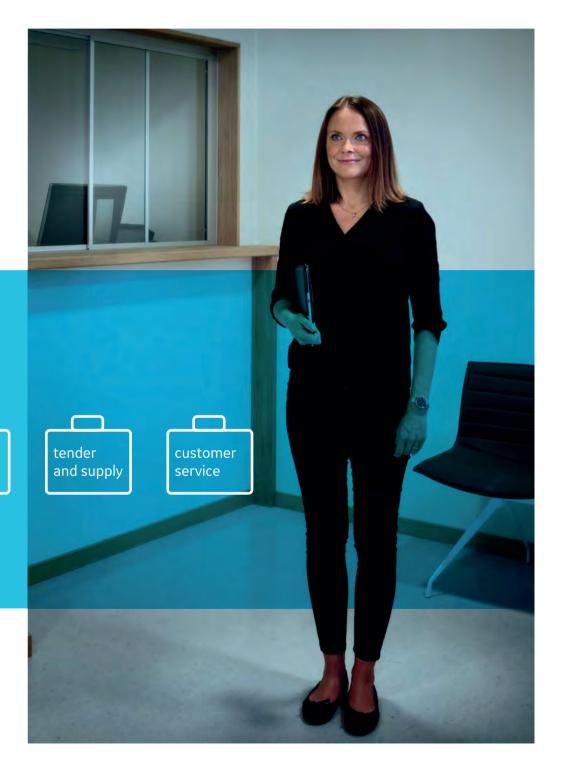
Your local GE Healthcare representative can provide you with further support via a range of expert advisors

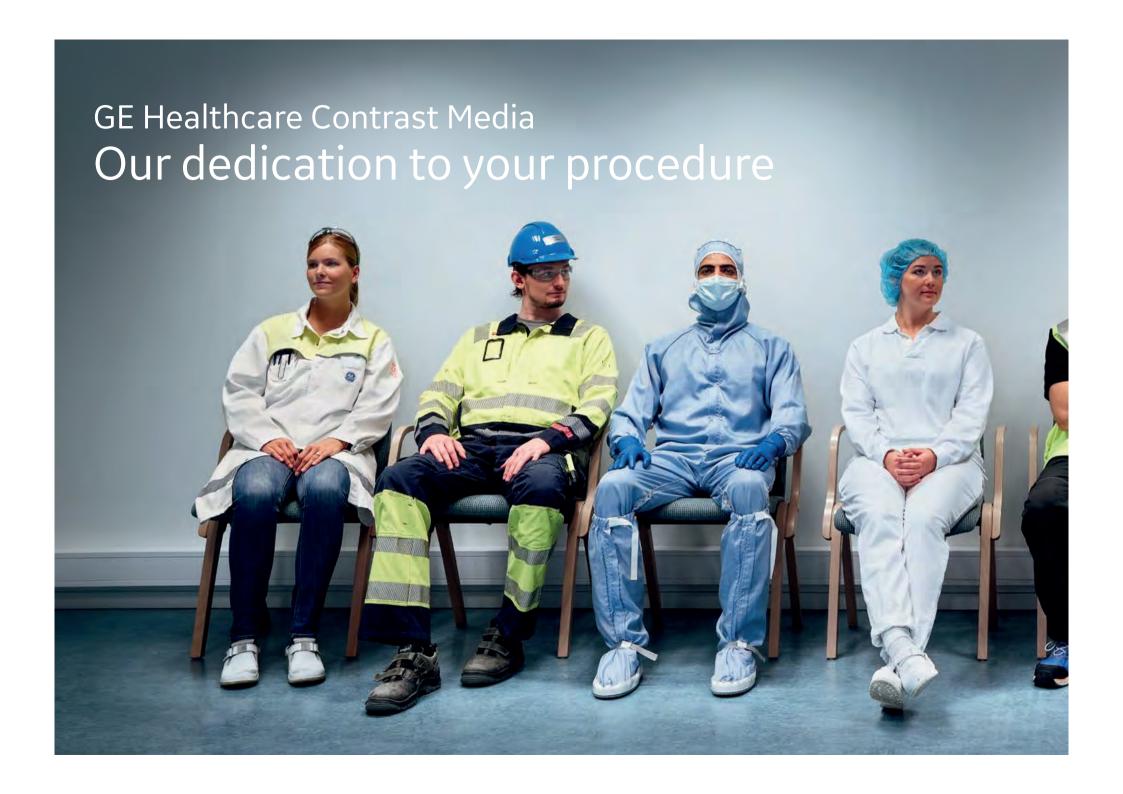
medical information

technical support

application specialists

fellow customers









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