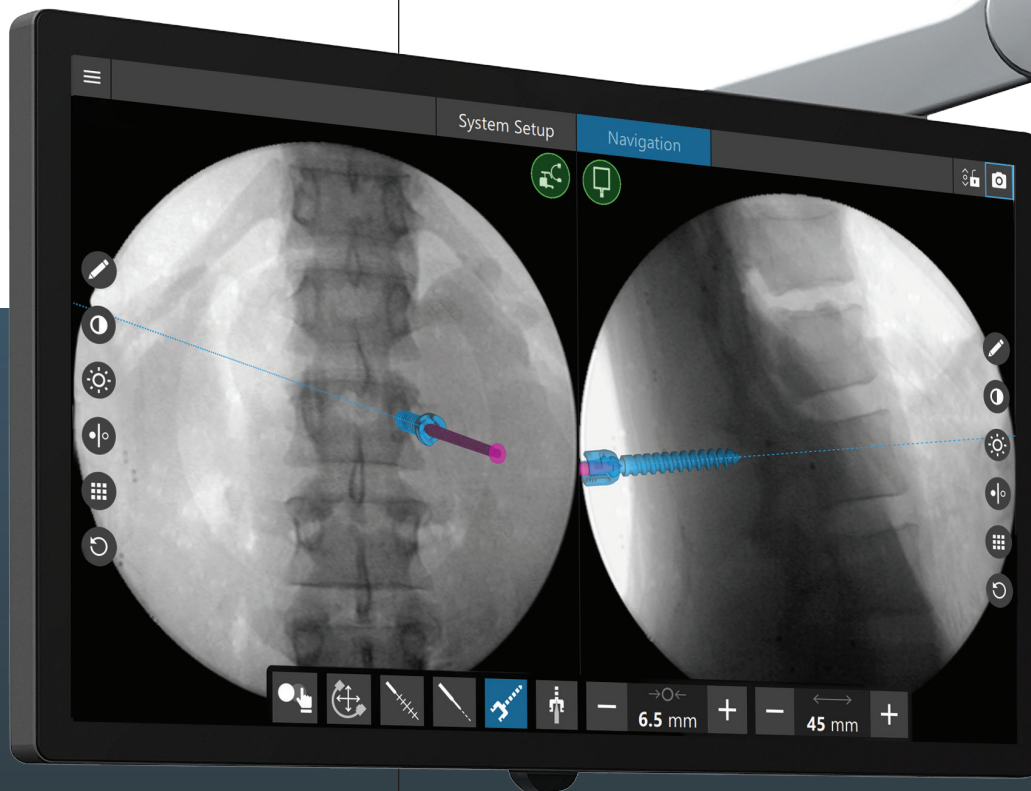


SpineMap Go
augmented
fluoroscopy

Provides live
instrument
visualization on
biplanar images



Taking fluoroscopy
to the **next level**

Results
are in...

89.8%
radiation
reduction

time during pedicle
screw placement¹

"There is **less risk**
to me and the other
staff in the O.R."

O.R. Nurse

"...instead of taking a
shot every time you
place a device, you
only have to take
**two shots at the
beginning**
of the case."

O.R. Nurse

No
increase

in operative time
during pedicle
screw placement¹

Here's what your
colleagues are
saying about
SpineMap Go¹



"SpineMap Go gave us **live navigation capabilities**
without disruption to our workflow or bottom line."

Ortho Spine Surgeon

"Because familiar **2D is at the core**, it was a
painless transition and is simple to use."

O.R. Nurse

"Augmented Fluoroscopy with SpineMap Go seemed
to **streamline and simplify** the entire case."

Neuro Spine Surgeon

Experience is everything

Get the best of both worlds. Using just one C-arm, SpineMap Go for image-guided spinal surgery combines the traditional fluoroscopic views you trust with live, navigated instrumentation. Think of it as your “happy medium” – the noninvasive patient tracking you want without a 3D imaging device or significant change in workflow. Just capture initial registration, remove the C-arm and proceed freely without bulky equipment in your way. By arming you with live tool tracking and C-arm guidance, SpineMap Go also helps you reduce localization shots and associated radiation exposure. With these advantages, SpineMap Go aims to enhance precision and outcomes while giving you a smoother, more pleasant surgical experience.

Within the first decade surgeons can surpass their recommended lifetime limit for whole-body radiation²

C-arm based CAS spinal surgery³
reduced radiation time nearly 2 minutes
reduced dose by 427 mGy

Better surgical experience

- Simplicity that works with you; gain benefits of advanced guidance without significant fluoro workflow changes
- Improves ergonomics and comfort; minimizes equipment constraints by reducing need for lead garments and table elevation to accommodate C-arm
- Increases procedural momentum due to less C-arm handling and re-imaging
- Helps enhance precision to foster better clinical outcomes

Significantly reduced screw misplacement rates with use of a CAS system⁴

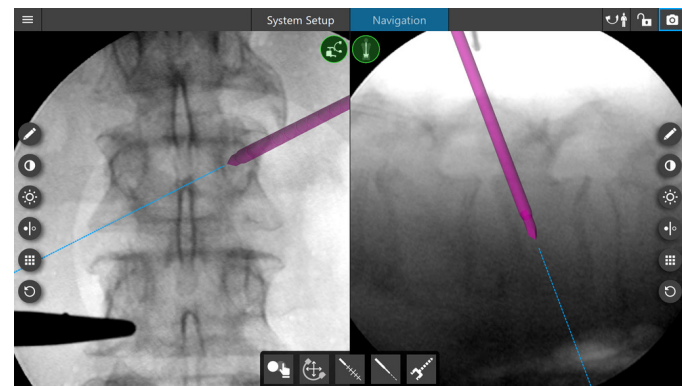


Cost effective

- Economical integration with most common C-arms; no 3D imaging device needed
- Provides select advantages of a 3D system without its cost or learning curve
- Simple, cost-effective way to keep pace with advanced technology
- Frees up resources; second C-arm can be redeployed
- Compatible with Stryker navigated spine instruments

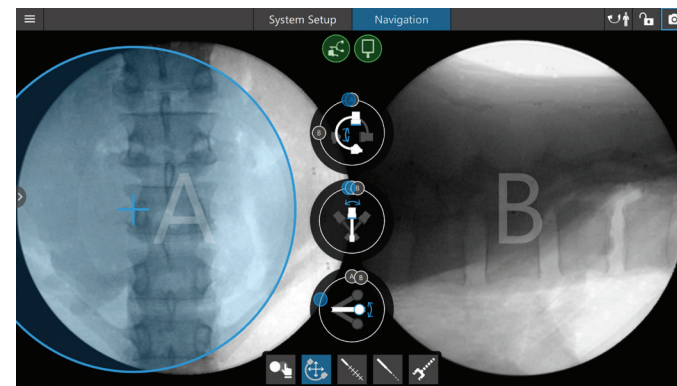


100% of post-op C-arm drapes⁵ had bacterial contamination at risk of spreading to sterile field during C-arm repositioning



Familiar fluoroscopic views

- Adds simultaneously live instrument tracking onto your AP and lateral images using just one C-arm
- Instrumentation and familiar imagery make it simple to adopt and use
- Easily brighten, rotate, zoom or change image contrast via intuitive touch screen tablet



Simple workflow

- Requires only one C-arm
- Capture initial AP and lateral registrations – or any desired image up front – then remove C-arm to work unobstructed
- Image browser can automatically save all fluoro images and registrations; label and mark any/all images for quick, efficient recall
- Automatic registration and instant re-registration if accuracy is ever compromised
- Reduces fluoroscopic imaging, C-arm repositioning and working around bulky imaging equipment
- Utilizes standard C-arm draping
- Fosters enhanced communication between surgeon and rad tech due to C-arm guidance data



Proven radiation reduction

- Designed to reduce radiographic imaging associated with health dangers
- 89.9% reduction in radiation time without increasing operative time during pedicle screw placement¹
- No pre-op CT required
- Live biplanar navigation in as few as two fluoro shots
- Single-shot instant re-registration
- C-arm guidance displays proper C-arm repositioning to set areas without reliance on localization shots

Beyond the norm

You don't settle, and neither do we. That's why SpineMap Go is designed as an economical solution to improve radiation safety and overall O.R. experience without increasing pedicle screw placement time.

We invite you to experience the benefits of SpineMap Go first hand. For a demo or more information, call your sales representative or **800 253 3210**. You may also learn more at **agt.stryker.com**.

1. Stryker internal data on file. Kalamazoo, Michigan. December 2018.
2. Haque, Ul. et al. "Radiation Exposure During Pedicle Screw Placement in Adolescent Idiopathic Scoliosis: Is Fluoroscopy Safe?" *SPINE* 31.21 (2006): 2516-20.
3. Gebhard, M.D. et al. "Does Computer-Assisted Spine Surgery Reduce Intraoperative Radiation Doses?" *SPINE* 31.17 (2006): 2014-27.
4. Richter, M.D. et al. "Cervical Pedicle Screws: Conventional Versus Computer-Assisted Placement of Cannulated Screws." *SPINE* 30.20 (2005): 2280-87.
5. Biswas, D. et al. "Sterility of C-arm Fluoroscopy During Spinal Surgery." *SPINE* 30.20 (2005): 2280-87.

Product number	Description
SpineMap Go System	
7700-800-000	NAV3i Platform
6002-690-000	SpineMap Go Software
C-arm trackers	
6004-509-000	Fluoroscopy Tracker Kit, 9"
6004-512-000	Fluoroscopy Tracker Kit, 12"
6004-011-020	Fluoroscopy Adapter Philips BV300, 9"
6004-012-020	Adapter Ring OEC, 9"
6004-013-020	Fluoroscopy Adapter Ziehm Exposcop, 9"
6004-014-020	Fluoroscopy Adapter Siemens ISO-C, 9"
6004-016-020	Fluoroscopy Adapter Philips BV300, 12"
6004-017-020	Fluoroscopy Adapter OEC, 12"
6004-310-000	Video Cable BNC
Non-invasive patient tracker	
6002-390-000	SpineMask Tracker
Instruments and accessories	
Please call your sales representative or visit agt.stryker.com for a full list of navigation instruments and accessories.	

Advanced Guidance Technologies

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate Stryker's products. A surgeon must always refer to the package insert, product label and/or instructions for use, including the instructions for cleaning and sterilization (if applicable), before using any of Stryker's products. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your representative if you have questions about the availability of Stryker's products in your area.

Stryker or its affiliated entities own, use, or have applied for the following trademarks or service marks: NAV3i, SpineMap Go, SpineMask and Stryker. All other trademarks are trademarks of their respective owners or holders.

The absence of a product, feature, or service name, or logo from this list does not constitute a waiver of Stryker's trademark or other intellectual property rights concerning that name or logo.

The opinions expressed by any individual are those of that individual and not necessarily those of Stryker.