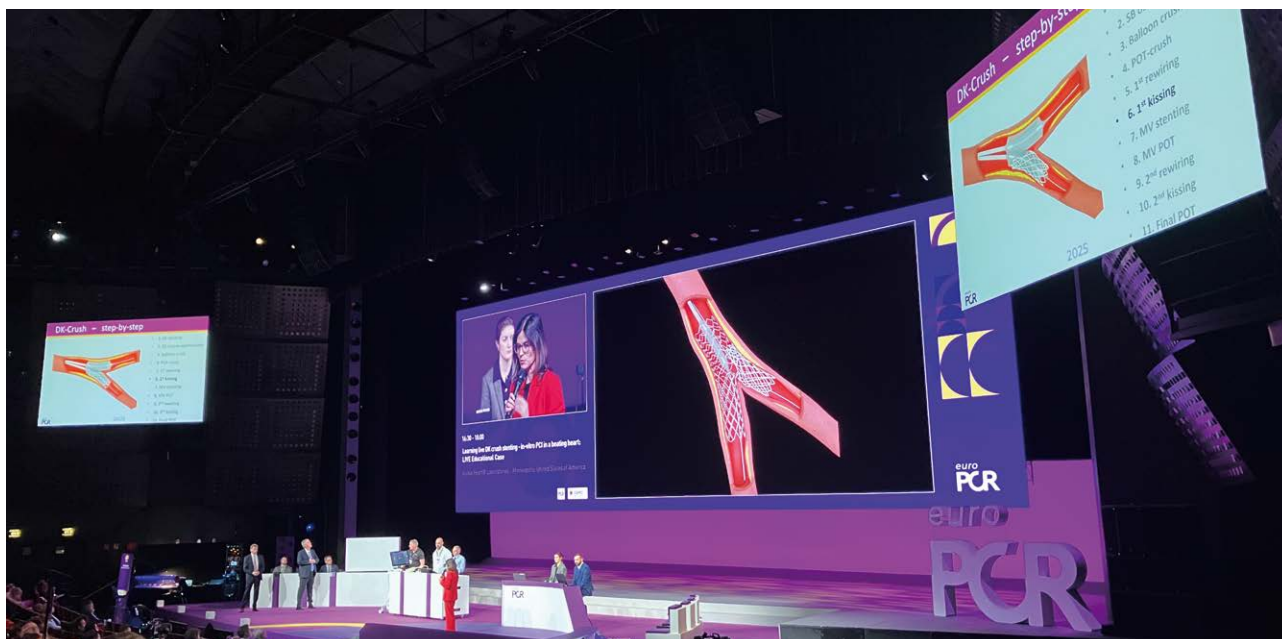


A Vision of the Future of Interventional Cardiology: EuroPCR 2025 Congress Report

From May 19 to 22, EuroPCR 2025—the world’s leading course in interventional cardiovascular therapy—was held in Paris, France. As one of the largest global congresses dedicated to minimally invasive procedures, EuroPCR attracts physicians and healthcare professionals from around the world to exchange insights on the latest advancements in interventional cardiovascular therapies. This year, the event welcomed a record-breaking 12,177 attendees, reflecting a growing interest in this ever-evolving field.

Canon showcased the latest innovations of the Alphenix / Evolve Edition through its exhibition booth and a dedicated off-site symposium.



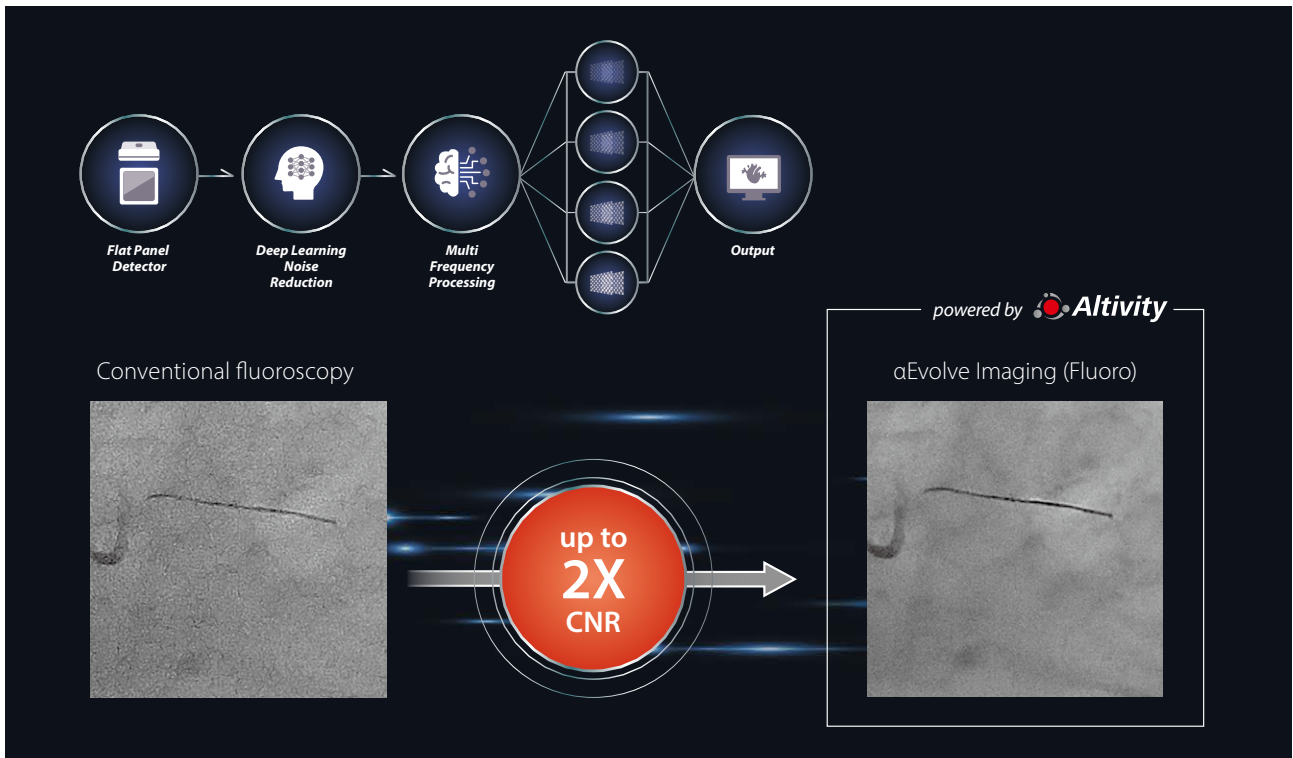
Innovative Booth Experience

This year, Canon introduced a dedicated Experience Room, allowing visitors to review clinical images with the newly released second-generation α Evolve Imaging. Attendees from across Europe, as well as Australia, Pakistan, Saudi Arabia, and Malaysia, participated in a structured survey to evaluate the clinical value of this new imaging technology.

The feedback was highly positive, not only regarding the image quality, but also toward Canon’s forward-thinking concept of “DA-less intervention”. This approach, which emphasizes reduced reliance on digital acquisitions (DA), resonated strongly with interventional cardiologists and clinicians seeking to minimize radiation exposure while maintaining high procedural confidence.

Offsite Symposium: “Activating AI for DA-Less Procedures”

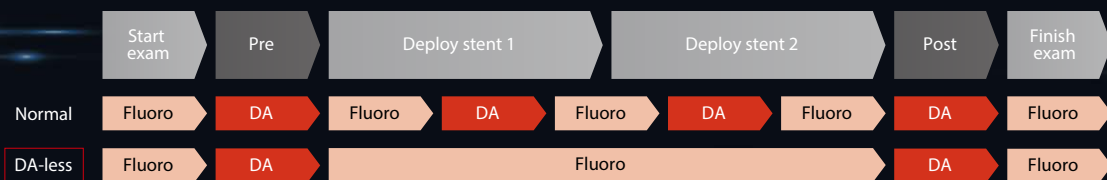
Canon hosted an off-site symposium at Le Méridien Etoile, targeting international healthcare professionals with a strong interest in advancing interventional cardiology and radiation dose management. The objective was to deepen understanding of the clinical value of the Alphenix / Evolve Edition and to encourage active dialogue among healthcare professionals.



aEvo Imaging utilizes Deep-Learning based noise reduction and multi-frequency processing to enable outstandingly clear fluoroscopic imaging, which can deliver up to two times higher contrast-to-noise ratio compared to conventional image processing.

DA-less intervention with aEvo Imaging

Dose management is increasingly important, especially during long and complex procedures. Digital acquisition (DA) delivers significantly higher radiation dose than fluoroscopy. Therefore, replacing DA with fluoroscopy can substantially reduce radiation doses*1.



Record fluoroscopy with one step
F-Rec allows for fluoro-recording with a single pedal tap, following the same workflow as digital acquisition.



*1 Hwang J, et al. (2015) Radiation Exposure in Coronary Angiography: A Comparison of Cineangiography and Fluorography.

DA-less Intervention concept: By performing procedures using fluoroscopy alone or with minimal use of digital acquisition, the total radiation dose per case can be significantly reduced without altering established clinical workflows.



Mr. Glenn Ison (Medical Radiation Scientist, Sydney, Australia)

“Evolution 2010 to Now”

An expert in radiation dose management and a three-time recipient of the Best Scientific Abstract Award in the Nurses and Allied Professionals (NAPs) section of EuroPCR (2017, 2023, and 2025), Mr. Ison opened the symposium with an overview of Canon’s commitment to reducing radiation exposure in cardiovascular procedures. He described radiation exposure as “an

invisible danger received throughout an interventionalist’s working life, insidious, often forgotten, and downplayed,” emphasizing the critical importance of optimizing dose levels in daily practice. He also presented preliminary findings from ongoing research with Dr. Pasupati, reporting a 41% reduction in radiation dose per coronary angiography case when using αEvolve Imaging.

“Every 3 cases on an Alphenix / Evolve Edition using fluoroscopy, you save a whole case worth of doses.”

Mr. Glenn Ison, Medical Radiation Scientist, Sydney, Australia

Cath Comparison	Fluoroscopy dose rate DAP/Sec Gy.m2	Fluoroscopy Time	Total case Dap Gy.m2	Acquisition dose rate DAP /Sec Gy.m2	BMI
Evolve	3.89 e-6*	744	0.0034	4.47E-05	31.18
Non Evolve	3.82 e-6	857	0.0057	4.11E-05	28.56

Fluro dose rate the same

Evolve Fluro -14.% Superior image quality

Evolve total case dose - **41 %**

Acquisition dose rate the same

Evolve cohort BMI 8.5 % higher

* Converted to 10 frames a sec

Pioneer data from Waikato Hospital, New Zealand. Data demonstrated a 41% reduction in dose area product (DAP) per coronary angiography case.



“Alphenix / Evolve Edition is Changing My Daily Practice”

Prof. Pawlowski, who also serves as Secretary of the Polish Cardiac Society, shared real-world cases using the Alphenix / Evolve Edition since introducing the system to his facility.

Incorporating an interactive quiz, his engaging session clearly demonstrated how the system is transforming diagnostic and interventional workflows in daily clinical practice.

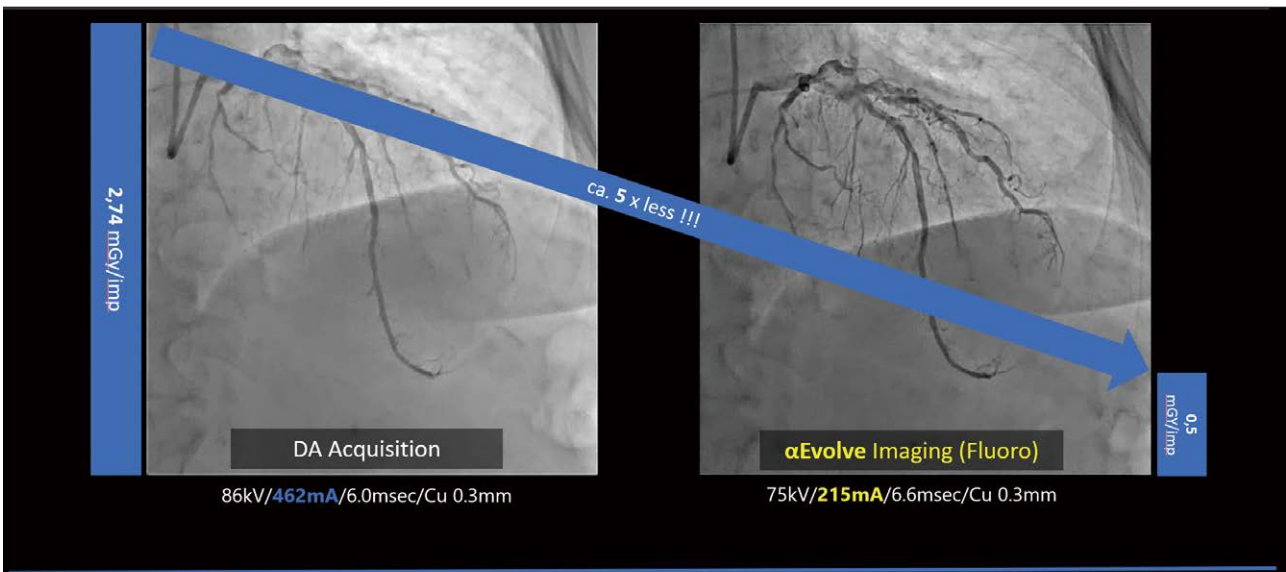
“We are still analyzing the data, but looking at diagnostic angiographic cases for this short period experience, there is a reduction in dose of more than 20%.”

Prof. Tomasz Pawlowski (National Institute of Medicine of the Ministry of Internal Affairs and Administration, Warsaw, Poland)

Prof. Tomasz Pawlowski, National Institute of Medicine of the Ministry of Internal Affairs and Administration, Warsaw, Poland

Which one is fluoroscopy?

BMI 32



Comparison between digital acquisition and αEvolve Imaging fluoro images for the same patient. αEvolve Imaging achieves equivalent image quality comparable with digital acquisition while reducing radiation dose by approximately 80%.



Dr. Sanjeevan Pasupati (Director of Structural Heart Disease & Cardiovascular Research, Waikato Hospital, Hamilton, New Zealand)

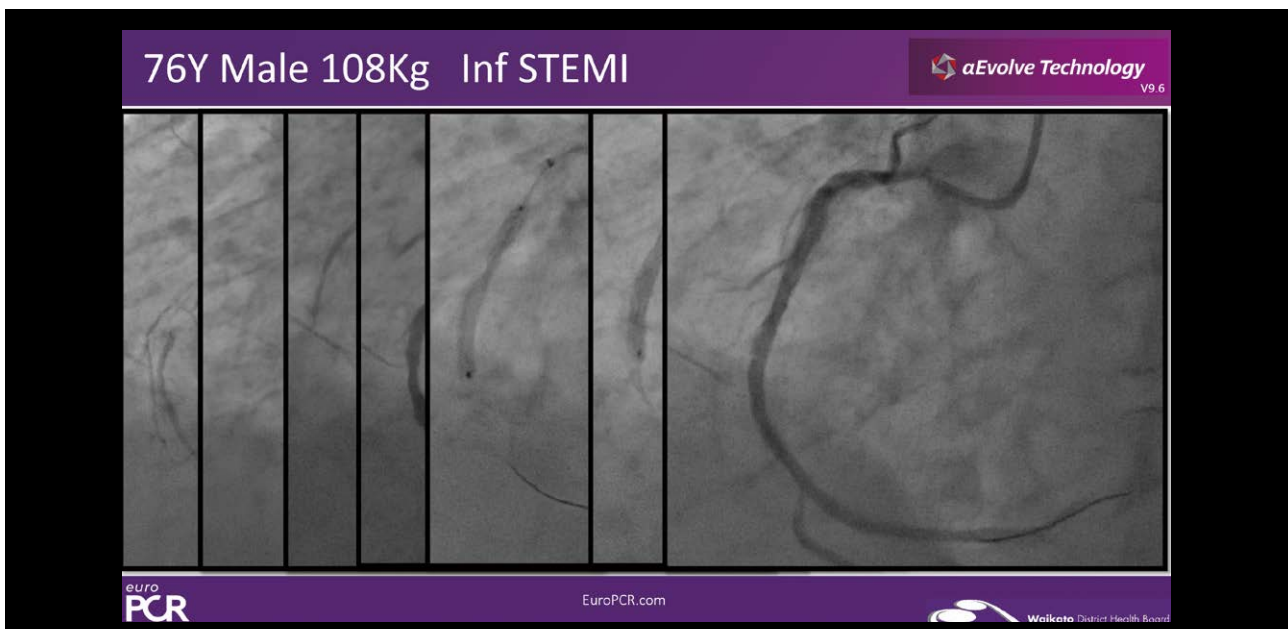
“Step into the Future of Interventional Cardiology with DA-less Procedures”

Dr. Pasupati, who has been involved in numerous first-in-human trials and serves as a proctor for various interventional devices around the world, began evaluating the second-generation

αEvolve Imaging recently. He presented his initial clinical experiences, including a standout case involving a 108 kg patient, whose procedure was completed entirely under fluoroscopy without any digital acquisitions, demonstrating the full potential of DA-less Intervention.

“In this era, patients are getting bigger while stents are getting thinner, and cath-labs demand image quality, less radiation, speed, and efficiency. All of these are answered by αEvolve Technology.”

Dr. Sanjeevan Pasupati, Director of Structural Heart Disease & Cardiovascular Research, Waikato Hospital, Hamilton, New Zealand



DA-less PCI procedure in a 76-Year-Old, 108 kg Male with Inferior STEMI. The entire case was performed only under fluoroscopy.

With unique solutions like αEvolve Imaging utilizing advanced AI technologies, Canon remains committed

to advancing interventional cardiology through ongoing innovation and close collaboration with clinical partners

across the globe. //