

#ECR2015: Agfa HealthCare Launches MUSICA for Neonatal

MUSICA

Agfa HealthCare launches MUSICA for Neonatal at ECR 2015, as part of its efforts to drive X-ray dose down further, "because life is precious"

Technology improvements to gold standard image processing software include more detail in a single neonatal image and confident, comfortable reading

- Fully automatic and exam-independent, MUSICA provides consistently high image quality across all exams.
- Fractional Multiscale Processing (FMP) makes it easier to see and distinguish the subtle details in images.
- Excellent balance of soft bone, lung and abdominal tissue in a single neonatal image reduces number of images needed.

Agfa HealthCare announces that it is launching MUSICA for Neonatal, built on its next generation MUSICA image processing software, at ECR 2015. Offering dedicated functions for neonatal imaging, the next generation MUSICA for Neonatal can play an important role in caregivers' efforts to control and reduce imaging radiation dose in these highly sensitive patients, while offering very high image quality and consistency.

Meeting the unique challenges of neonatal imaging

Imaging and dose control for neonatals present unique challenges.

This next generation of MUSICA software offers all the benefits of previous generations of the 'gold-standard' image processing software, including consistently high image quality across all of Agfa HealthCare's digital radiography solutions and robustness against variations such as tube quality and exposure settings.

In this next generation of MUSICA, Fractional Multiscale Processing (FMP) makes it easier to see and distinguish the subtle details in images. The balanced presentation of all tissue structures, from bone to soft tissue, results in images that are very comfortable to read and that present radiologists with more diagnostic information.

Specifically for neonatal imaging, MUSICA for Neonatal offers an excellent balance of soft bone, lung and abdominal tissue in a single image. This means fewer images are necessary, giving caregivers the ability to reduce the overall amount of radiation dose for the patient.

Supporting dose control

"Agfa HealthCare is a driver and a leader in image processing, and we are committed to supporting the ALARA (As Low As Reasonably Achievable) principle in imaging dose," comments Louis Kuitenbrouwer, Vice President Imaging division of Agfa HealthCare. "But that implies a balance: you want to reduce dose, while your images must still give you the diagnostic quality needed for correct interpretation. With MUSICA for Neonatal, we are offering a tool to help achieve that balance, and to help radiologists get the most from their images. That's why we say, with MUSICA, 'The diagnosis is in the details'."

Source and image credit: [Agfa HealthCare](#)

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