

DDR Bibliography: It's X-ray that Moves!



General Technique and Review Articles

Tanaka R. Dynamic chest radiography: flat-panel detector (FPD) based functional X-ray imaging. *Radiol Phys Technol.* 2016;9(2):139-153. doi: [10.1007/s12194-016-0361-6](https://doi.org/10.1007/s12194-016-0361-6)

Donald Benson, Padma Manapragada, Nina LJ Terry, Srinivas Tridandapani, Satinder Singh. Clinical Cardiopulmonary Applications of Dynamic Digital Radiography. Presented at the 40th Annual Meeting of The Society of Thoracic Radiology, March 2022.

Tanaka R, Sanada S, Sakuta K, Kawashima H, Kishitani Y. Low-dose dynamic chest radiography combined with bone suppression technique. *ECR 2015 EPOS.* Published March 4, 2015. Accessed March 31, 2021. <https://epos.myesr.org/poster/esr/ecr2015/C-0239>

Robinson R e., McLenaghan D, Agarwal H, et al. Assessing the Inter-Operator Variability in Dynamic Chest Radiography Image Interpretation. In: A66. A Sharper Image: Novel Imaging Methodologies. American Thoracic Society International Conference Abstracts. American Thoracic Society; 2020:A2344-A2344. doi: [10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A2344](https://doi.org/10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A2344)

Gillingham N, Santibanez V, Gupta Y, Braun N, O'Sullivan M, Concepcion J. Dynamic Digital Radiography of the Thorax: What the Radiologist Needs to Know. Presented at the 107th Scientific Assembly and Annual Meeting of the RSNA, Chicago Nov 2021. <https://dps2021.rsna.org/exhibit/?exhibit=CHEE-17>

Hino T, Hata A, Yamada Y, Hida T, Yamasaki Y, Kamitani T, Ishigami K, Kudoh S, Hatabu H. Dynamic Chest X-ray Using A Flat-panel Detector System: An Update. Presented at the 107th Scientific Assembly and Annual Meeting of the RSNA, Chicago Nov 2021. <https://dps2021.rsna.org/exhibit/?exhibit=CHEE-102>

Hashimoto N, Machida H, Yamashita K, et al. Influence of pulse width on blurring and ghost artifact, visibility of pulmonary nodules, and measurement of diaphragmatic movement in dynamic chest radiography. *ECR 2021 EPOS.* Published March 11, 2021. Accessed February 14, 2022. <https://epos.myesr.org/poster/esr/ecr2021/C-11291>

Rie Tanaka, William Paul Segars, Ehsan Abadi, Shuhei Minami, Ehsan Samei, "Optimization of imaging conditions in pediatric dynamic chest radiography: a virtual imaging trial," Proc. SPIE 12031, *Medical Imaging 2022: Physics of Medical Imaging*, 1203141 (4 April 2022); <https://doi.org/10.1117/12.2612720>

Pulmonary Function

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Katsume Y, Miwa Y, Ueda A, Soejima K. Underdiagnosis of phrenic nerve palsy caused by cryoballoon ablation for atrial fibrillation with upright position chest radiography: usefulness of supine position dynamic chest radiography. *Europace.* Published online August 5, 2021:euab173. doi: [10.1093/europace/euab173](https://doi.org/10.1093/europace/euab173)

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Ventilation/Perfusion

Yamasaki Y, Abe K, Kamitani T, et al. Efficacy of Dynamic Chest Radiography for Chronic Thromboembolic Pulmonary Hypertension. *Radiology*. Published online November 8, 2022;220908. doi: [10.1148/radiol.220908](https://doi.org/10.1148/radiol.220908)

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ILD

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Therapy/Intervention Planning or Follow-up

Watanabe T, Suzuki E, Yoshii N, et al. Preoperative detection of pleural adhesions using dynamic chest radiography: prospective analysis. *Journal of Thoracic Disease.* 2023;0(0). doi: [10.21037/jtd-22-1226](https://doi.org/10.21037/jtd-22-1226)

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Trachea Function

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Cardiac

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