References

1. Akoum, N., Fernandez, G., Wilson, B., Mcgann, C., Kholmovski, E., Marrouche, N., 2013. Association of Atrial Fibrosis Quantified Using LGE-MRI with Atrial Appendage Thrombus and Spontaneous Contrast on Transesophageal Echocardiography in Patients with Atrial Fibrillation. J. Cardiovasc. Electrophysiol. 24, 1104–1109. https://doi.org/10.1111/jce.12199

2. Berezin, A.E., Berezin, A.A., 2022. Extracellular Vesicles and Thrombogenicity in Atrial Fibrillation. Int. J. Mol. Sci. 23, 1774. https://doi.org/10.3390/ijms23031774

3. Bertelsen, L., Diederichsen, S.Z., Haugan, K.J., Brandes, A., Graff, C., Krieger, D., Kronborg, C., Køber, L., Peters, D.C., Olesen, M.S., Højberg, S., Vejlstrup, N., Svendsen, J.H., 2020. Left Atrial Late Gadolinium Enhancement is Associated With Incident Atrial Fibrillation as Detected by Continuous Monitoring With Implantable Loop Recorders. JACC Cardiovasc. Imaging 13, 1690–1700. https://doi.org/10.1016/j.jcmg.2020.03.024

4. Blume, G.G., Mcleod, C.J., Barnes, M.E., Seward, J.B., Pellikka, P.A., Bastiansen, P.M., Tsang, T.S.M., 2011. Left atrial function: physiology, assessment, and clinical implications. Eur. J. Echocardiogr. 12, 421–430. https://doi.org/10.1093/ejechocard/jeq175

5. Cotter, P.E., Martin, P.J., Ring, L., Warburton, E.A., Belham, M., Pugh, P.J., 2013. Incidence of atrial fibrillation detected by implantable loop recorders in unexplained stroke. Neurology 80, 1546–50. https://doi.org/10.1212/WNL.0b013e31828f1828

6. Diederichsen, S.Z., Frederiksen, K.S., Xing, L.Y., Haugan, K.J., Højberg, S., Brandes, A., Graff, C., Olesen, M.S., Krieger, D., Køber, L., Svendsen, J.H., 2022. Severity and Etiology of Incident Stroke in Patients Screened for Atrial Fibrillation vs Usual Care and the Impact of Prior Stroke: A Post Hoc Analysis of the LOOP Randomized Clinical Trial. JAMA Neurol. 79, 997–1004. https://doi.org/10.1001/jamaneurol.2022.3031

7. Fakih, W., Mroueh, A., Alhelou, C., Kindo, M., Mommerot, A., Mazzucotelli, J.P., Pieper, M.P., Ohlmann, P., Morel, O., Schini-Kerth, V., Jesel, L., 2023. Increased pro-remodeling and pro-thrombotic responses in the left compared to the right atrial appendage: role of low-grade inflammation and the AT1R/NADPH oxidases/SGLT2 pro-oxidant pathway. Eur. Heart J. 44. https://doi.org/10.1093/eurheartj/ehad655.3123

8. Fonseca, A.C., Alves, P., Inácio, N., Marto, J.P., Viana-Baptista, M., Pinho-e-Melo, T., Ferro, J.M., Almeida, A.G., 2018. Patients With Undetermined Stroke Have Increased Atrial Fibrosis: A Cardiac Magnetic Resonance Imaging Study. Stroke 49, 734–737. https://doi.org/10.1161/strokeaha.117.019641

9. Goette, A., Kalman, J.M., Aguinaga, L., Akar, J., Cabrera, J.A., Chen, S.A., Chugh, S.S., Corradi, D., D'Avila, A., Dobrev, D., Fenelon, G., Gonzalez, M., Hatem, S.N., Helm, R., Hindricks, G., Ho, S.Y., Hoit, B., Jalife, J., Kim, Y.-H., Lip, G.Y.H., Ma, C.-S., Marcus, G.M., Murray, K., Nogami, A., Sanders, P., Uribe, W., Van Wagoner, D.R., Nattel, S., 2016. EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. Europace 18, 1455–1490. https://doi.org/10.1093/europace/euw161

10. Larsen, B.S., Bertelsen, L., Christensen, H., Hadad, R., Aplin, M., Høst, N., Christensen, L.M., Havsteen, I., Prescott, E., Dominguez, H., Jensen, G.B., Vejlstrup, N., Sajadieh, A., 2023. Left atrial late gadolinium enhancement in patients with ischaemic stroke. Eur. Heart J. - Cardiovasc. Imaging 24, 625–634. https://doi.org/10.1093/ehjci/jead008

11. Ma, X.X., Zhang, Y.L., Hu, B., Jiang, W.J., Wang, M., Zheng, D.Y., Zhu, M.R., Xue, X.P., 2017. Association between left atrial appendage emptying velocity, N-terminal plasma brain natriuretic peptide levels, and recurrence of atrial fibrillation after catheter ablation. J Interv Card Electrophysiol 48, 343–350. https://doi.org/10.1007/s10840-016-0216-4

12. Madsen, C.V., Park-Hansen, J., Holme, S.J.V., Irmukhamedov, A., Carranza, C.L., Greve, A.M., Al-Farra, G., Riis, R.G.C., Nilsson, B., Clausen, J.S.R., Nørskov, A.S., Kruuse, C., Truelsen, T.C., Dominguez, H., 2023. Randomized Trial of Surgical Left Atrial Appendage Closure: Protection Against Cerebrovascular Events. Semin. Thorac. Cardiovasc. Surg. 35, 664–672. https://doi.org/10.1053/j.semtcvs.2022.06.012

13. Madsen, C.V., Park-Hansen, J., Holme, S.J.V., Irmukhamedov, A., Carranza, C.L., Greve, A.M., Al-Farra, G., Riis, R.G.C., Nilsson, B., Clausen, J.S.R., Nørskov, A.S., Kruuse, C., Truelsen, T.C., Dominguez, H., 2022. Randomized Trial of Surgical Left Atrial Appendage Closure: Protection Against Cerebrovascular Events. Semin Thorac Cardiovasc Surg. https://doi.org/10.1053/j.semtcvs.2022.06.012

14. Marrouche, N.F., Wilber, D., Hindricks, G., Jais, P., Akoum, N., Marchlinski, F., Kholmovski, E., Burgon, N., Hu, N., Mont, L., Deneke, T., Duytschaever, M., Neumann, T., Mansour, M., Mahnkopf, C., Herweg, B., Daoud, E., Wissner, E., Bansmann, P., Brachmann, J., 2014. Association of atrial tissue fibrosis identified by delayed enhancement MRI and atrial fibrillation catheter ablation: the DECAAF study. JAMA 311, 498–506. https://doi.org/10.1001/jama.2014.3

15. Miyauchi, S., Tokuyama, T., Uotani, Y., Miyamoto, S., Ikeuchi, Y., Okamura, S., Okubo, Y., Katayama, K., Takasaki, T., Nakatani, N., Matsudaira, Y., Furusho, H., Miyauchi, M., Takahashi, S., Nakano, Y., 2022. Association between left atrial appendage fibrosis and thrombus formation: A histological approach. J. Cardiovasc. Electrophysiol. 33, 677–687. https://doi.org/10.1111/jce.15384

16. Park-Hansen, J., Holme, S.J.V., Irmukhamedov, A., Carranza, C.L., Greve, A.M., Al-Farra, G., Riis, R.G.C., Nilsson, B., Clausen, J.S.R., Norskov, A.S., Kruuse, C.R., Rostrup, E., Dominguez, H., 2018. Adding left atrial appendage closure to open heart surgery provides protection from ischemic brain injury six years after surgery independently of atrial fibrillation history: the LAACS randomized study. J Cardiothorac Surg 13, 53. https://doi.org/10.1186/s13019-018-0740-7

17. Shaihov-Teper, O., Ram, E., Ballan, N., Brzezinski, R.Y., Naftali-Shani, N., Masoud, R., Ziv, T., Lewis, N., Schary, Y., Levin-Kotler, L.-P., Volvovitch, D., Zuroff, E.M., Amunts, S., Regev-Rudzki, N., Sternik, L., Raanani, E., Gepstein, L., Leor, J., 2021. Extracellular Vesicles From Epicardial Fat Facilitate Atrial Fibrillation. Circulation 143, 2475–2493. https://doi.org/10.1161/circulationaha.120.052009

18. Smolgovsky, S., Theall, B., Wagner, N., Alcaide, P., 2024. Fibroblasts and immune cells: at the crossroad of organ inflammation and fibrosis. Am. J. Physiol.-Heart Circ. Physiol. 326, H303–H316. https://doi.org/10.1152/ajpheart.00545.2023

19. Svendsen, J.H., Diederichsen, S.Z., Hojberg, S., Krieger, D.W., Graff, C., Kronborg, C., Olesen, M.S., Nielsen, J.B., Holst, A.G., Brandes, A., Haugan, K.J., Kober, L., 2021. Implantable loop recorder detection of atrial fibrillation to prevent stroke (The LOOP Study): a randomised controlled trial. Lancet 398, 1507–1516. https://doi.org/10.1016/S0140-6736(21)01698-6

20. Vasan, R.S., Larson, M.G., Levy, D., Galderisi, M., Wolf, P.A., Benjamin, E.J., 2003. Doppler transmitral flow indexes and risk of atrial fibrillation (The Framingham Heart Study). Am. J. Cardiol. 91, 1079–1083. https://doi.org/10.1016/s0002-9149(03)00152-8

21. Whitlock, R.P., Belley-Cote, E.P., Paparella, D., Healey, J.S., Brady, K., Sharma, M., Reents, W., Budera, P., Baddour, A.J., Fila, P., Devereaux, P.J., Bogachev-Prokophiev, A., Boening, A., Teoh, K.H.T., Tagarakis, G.I., Slaughter, M.S., Royse, A.G., McGuinness, S., Alings, M., Punjabi, P.P., Mazer, C.D., Folkeringa, R.J., Colli, A., Avezum, Á., Nakamya, J., Balasubramanian, K., Vincent, J., Voisine, P., Lamy, A., Yusuf, S., Connolly, S.J., 2021. Left Atrial Appendage Occlusion during Cardiac Surgery to Prevent Stroke. N Engl J Med 384, 2081–2091. https://doi.org/10.1056/NEJMoa2101897

22. Zhao, J., Hansen, B.J., Wang, Y., Csepe, T.A., Sul, L.V., Tang, A., Yuan, Y., Li, N., Bratasz, A., Powell, K.A., Kilic, A., Mohler, P.J., Janssen, P.M.L., Weiss, R., Simonetti, O.P., Hummel, J.D., Fedorov, V.V., 2017. Three-dimensional Integrated Functional, Structural, and Computational Mapping to Define the Structural "Fingerprints" of Heart-Specific Atrial Fibrillation Drivers in Human Heart Ex Vivo. J. Am. Heart Assoc. 6. https://doi.org/10.1161/jaha.117.005922