

Global clinical evidence

Peer reviewed publications



Pardo A., Kalafat E., Hazon S., Pailis M., Klochendler-Frishman E., Rak O., Samueloff O., Gomez-Tolub, Shmueli A., Pardo N., Sela T., Wolff L., Walfisch A., Wiznitzer A. & Hadar E., (2025)

Retrospective cohort of prenatal home ultrasound utilization & maternal-neonatal outcomes.
BMC Pregnancy Childbirth 25, 691 (2025). <https://doi.org/10.1186/s12884-025-07664-3>



Axelrod M., Lahav Ezra H., Galler E., Nir O., Ofir K., Barkai G., Sivan E., Mazaki-Tovi S. & Tsur A. (2025)
Hybrid remote & in-clinic maternal-fetal surveillance for women with gestational diabetes (GDM): A prospective pilot study.
Gynecology & obstetrics <https://doi.org/10.1002/ijgo.16148>



Pardo A., Nahum-Fridland S., Rak O. L., Klochendler-Frishman E., Zafrir-Danieli H., Shmueli A., Barbash-Hazan S., Wiznitzer A., Walfisch A., Sela T., Wolff L. & Hadar E. (2024)
Fetal heart rate and amniotic fluid volume measurements with a home ultrasound device.
American journal of perinatology <https://10.1055/a-2469-0887>



Mor L., Weiner E., Marom O., Tairy D., Nardi-Arad M., Barda G., Tamayev L. & Levy M. (2024)
The effect of home ultrasound on maternal anxiety in patients with previous recurrent pregnancy loss: A randomized control trial.
American journal of obstetrics & gynecology MFM <https://doi.org/10.1016/j.ajogmf.2024.101447>



Omer N., Gur D., Galler E., Axelrod M., Farhi A., Barkai G., Weisz B., Sivan E., Mazaki-Tovi S., & Tsur A. (2023)
Integrating technologies to provide comprehensive remote fetal surveillance: A prospective pilot study.
Int. journal of gynecology & obstetrics <https://doi.org/10.1002/ijgo.15018>



Pontones, C.A., Titzmann, A., Huebner, H., Danzberger, N., Ruebner, M., Häberle, L., Eskofier, B.M., Nissen, M., Kehl, S., Faschingbauer, F., Beckmann M.W. & Fasching P.A. (2023)
Feasibility & acceptance of self-guided mobile ultrasound among pregnant women in routine prenatal care.
Journal of clinical medicine <https://doi.org/10.3390/jcm12134224>



Hadar E., Wolff L., Tenenbaum-Gavish K., Eisner M., Shmueli A., Barbash-Hazan S., Bergel R., Shmuel E., Houry O., Dollinger S., A. Brzezinski-Sinai N., Sukenik S., Pardo A., Navon I., Wilk Y., Zafrir-Danieli H. & Wiznitzer A. (2022)
Mobile self-operated home ultrasound system for remote fetal assessment during pregnancy.
Telemedicine & e-health www.liebertpub.com/doi/10.1089/tmj.2020.0541

Posters, abstracts and presentations



Hellmeyer L., Romanova D., Kummer J., Vetter K., Schmailzl, K. (2025)
Digital-assisted obstetric self-imaging beyond the due date: The eSTORK feasibility study.
Presented at: ISOUG 2025 [link to abstract](#)



Hendin. N, Benyamini Y., Shachak A., & Perlman S.
Self-operated home trans-perineal ultrasound with visual biofeedback for prelabor maternal pushing training: A randomized controlled study.
Presented at: ISOUG 2025. [link to abstract](#)



Pardo A., Barbash-Hazan S., Shmueli A., Eisner M. Sigal S., Wiznitzer A., Walfisch A., Sela T., Wolff L. & Hadar E.

Biophysical profile (BPP) by self-operated clinician-guided ultrasound vs. standard ultrasound - An observational study.

Presented at: FMF 2025 [link to abstract](#)



Meizner I., Altmark-Sofer M., Visram N. & Shtrichman R.

Transforming obstetric care: The impact of patient-operated home ultrasound and remote diagnosis in hybrid prenatal care—clinical insights from three years of research and real-world application.

Oral presentation at: FMF 2025 [link to abstract](#)



Le Vance J., Emms A., Hodgetts-Morton V., Morris R. & Gurney L.

Remote maternal-fetal telemedicine monitoring in high-risk pregnancy care: A prospective feasibility study.

Presented at: BMFMS 2025 [link to abstract](#)



Peahl A., Richter K., Erickson J., Chen T., Venkataperumal S., Dwyer S., Stelmak D., Bell D., Davis, S. & Stout M.

BPP for ME: Patient-operated remote ultrasonography for completing Biophysical Profiles (BPPs) for antenatal surveillance in high-risk pregnancies.

Presented at the sexual healing congress 2025 [link to abstract](#)



Putievsky-Pilosof N., Yoeli-Ullman R., Galler E., Barkai G., Zimlichman E. & Tsur A.

Empowering high-risk pregnant women: A new hybrid model for Hospital at Home (HaH).

Presented at WHAH 2025 [link to abstract](#)



Mor L., Eisenberg H., Tamayev L., Tairy D., Oren B., Ganor-Paz Y., Levy M., Weiner R. & Barda G.

Effect of home ultrasound in patients with previous late pregnancy loss - A randomized controlled trial (RCT).

Presented at SMFM 2025 [link to abstract](#)



Njonou-Noujiep S. & Henrich W.

Mobile-based self-operated ultrasound for fetal assessment in patients at or past the estimated date of delivery.

Presented at the ISOUG 2024 <https://doi.org/10.1002/uog.28018>



Altmark-Sofer M.

The role of tele-ultrasound in crisis and war: A case for remote fetal assessment in resource-constrained regions.

Presented at the WHII 2022 [link to abstract](#)