

CURRICULUM VITAE



PERSONAL DATA

Name and Surname	Andrea Dall'Asta
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Phone	+393332700919
Nationality	Italian
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WORKING EXPERIENCE

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| • Period | April 2021 – ongoing |
| • Name of the Working Location | University of Parma, Parma, Italy
University of Parma & University Hospital of Parma, Italy
Department of Medicine and Surgery, Obstetrics & Gynecology Unit
Chairs: Prof. Roberto Berretta |
| • Main assignments | Associate Professor of Obstetrics and Gynecology
Honorary Consultant Obstetrician and Gynecologist
Fetal Medicine Lead |
| • Period | December 2022 – ongoing |
| • Name of the Working Location | Department of Metabolism, Digestion and Reproduction, Institute of Reproductive and Developmental Biology, Imperial College London, United Kingdom
Queen Charlotte's and Chelsea Hospital, Hammersmith Campus |
| • Main assignments | Honorary Senior Lecturer |
| • Period | December 2020 – November 2022 |
| • Name of the Working Location | Department of Metabolism, Digestion and Reproduction, Institute of Reproductive and Developmental Biology, Imperial College London, United Kingdom
Queen Charlotte's and Chelsea Hospital, Hammersmith Campus |
| • Main assignments | Honorary Clinical Lecturer |
| • Period | March 2018 – February 2020 |
| • Name of the Working Location | University of Parma, Parma, Italy
University of Parma, Italy
Department of Medicine and Surgery, Obstetrics & Gynecology Unit
Director: Prof. Tiziana Frusca |
| • Main assignments | Tutor and teacher at the "2 nd Masterclass on advanced fetal cardiac and central nervous system imaging", Masterclass Director Prof. Tullio Ghi |
| • Period | July 2019 – March 2021 |
| | University Hospital of Parma, Parma, Italy |

- Name of the Working Location University Hospital of Parma, Italy
Obstetrics & Gynecology Unit
Director: Prof. Tiziana Frusca
- Main assignments Consultant Obstetrician and Gynecologist
- Period **January 2015 – January 2020**
Imperial College Healthcare NHS Trust, London, United Kingdom
- Name of the Working Location Queen Charlotte's and Chelsea Hospital, Imperial College Healthcare NHS Trust
Centre for Fetal Care
Head of Fetal Medicine: Dr. Christoph C Lees
- Main assignments Clinical Research Fellow in Fetal Medicine
- Period **December 2018 – November 2020**
Department of Surgery and Cancer, Imperial College London, United Kingdom
- Name of the Working Location Queen Charlotte's and Chelsea Hospital, Hammersmith Campus
- Main assignments Honorary Research Fellow
- Period **March 2017 – February 2018**
University of Parma, Parma, Italy
- Name of the Working Location University of Parma, Italy
Obstetrics & Gynecology Unit
Director: Prof. Tiziana Frusca
- Main assignments Tutor and teacher at the "1st Masterclass on advanced fetal cardiac and central nervous system imaging", Masterclass Director Prof. Tullio Ghi
- Period **June 2011 – June 2016**
University of Parma, Parma, Italy
- Name of the Working Location Faculty of Medicine and Surgery
Specialty training in Obstetrics and Gynecology,
University Hospital of Parma, Italy
Director: Prof. Tiziana Frusca
- Main assignments Specialty Trainee in Obstetrics and Gynecology

EDUCATION

- Period 12 and 13 April 2023
- Name and type of Institute of Education and training University of Turin, Research and Education Center for Obstetrics and Gynecology
- Main subjects / Professional abilities "Master Class Suturing Program: Romeo's gladiator rule course in Knot-tying and Loading of the needle"
- Qualification Competence on the identification of safe, unsafe and dangerous surgical knots, bimanual knot tying following the Romeo's Gladiator Rule and loading the needle and stitching with both hands and suprapubic route.
- Period November 2016 – October 2019
- Name and type of Institute of Education and training University of Parma
- Main subjects / Professional abilities PhD in Medical Sciences
Research topics: "Translational Medicine in Obstetrics and Gynecology"
"Maternal-fetal Doppler in early labor and perinatal and delivery outcomes"
- Qualification PhD

- **Period** July 4, 2016
- Name and type of Institute of Education and training University of Parma
 - Main subjects / Professional abilities Specialist in Obstetrics and Gynecology
Title of the thesis: "Evaluation of novel three-dimensional imaging and processing techniques for the fetal face and brain."
Final Mark 50/50 cum laude
- Qualification Specialist in Obstetrics and Gynecology
- **Period** October 21, 2010
- Name and type of Institute of Education and training University of Parma
 - Main subjects / Professional abilities Degree in Medicine and Surgery
Title of the thesis: "Correlation between maternal prepregnancy Body Mass Index and fetal weight at birth – a retrospective study"
Final Mark 110/110 cum laude
- Qualification Physician
- **Period** June 2004
- Name and type of Institute of Education and training Liceo P.A. Maggi – Viadana (Mantova, Italy)
 - Main subjects / Professional abilities High school focusing on sciences
- Qualification High School Diploma

MOTHER TONGUE **Italian**

FOREIGN LANGUAGES

- **English**
- Reading Excellent
 - Writing Excellent
 - Speaking Excellent
 - Certificates IELTS Test, Academic, band 7.5 (C1)
Certificate issued by the following IELTS test Centre: Ealing, Hammersmith & West London College (EHWLC) on 31st January 2015.

PERSONAL INTERESTS

- Maternal-Fetal Medicine
- High risk pregnancy
- Fetal growth restriction
- Prenatal diagnosis, advanced imaging
- Intrapartum ultrasound
- Instrumental delivery
- Maternal haemodynamics

PROFESSIONAL SKILLS

- Referral Obstetric ultrasound scan: full competente
- Second and third trimester obstetric ultrasound: full competence
- Diagnostic invasive procedures in Fetal Medicine: full competence

- Competence in minimally invasive procedure for fetal intervention
- Doppler ultrasound: full competence
- First trimester obstetric ultrasound for first trimester screening of aneuploidies: full competence certified by the Fetal Medicine Foundation (FMF ID number: 147540)
- Labor ward practice: full competence
- Obstetric surgery: full competence
- Gynecologic office surgery: full competence
- Gynecologic surgery: competence on laparoscopic and laparotomic surgery for benign disease

I currently work as Associate Professor of Obstetrics and Gynecology at the University of Parma and Honorary Consultant Obstetrician and Gynecologist and Lead Fetal Medicine at the University Hospital of Parma.

SCIENTIFIC ACTIVITY

Editorial Board Member for the Fetal Medicine section of BMC Pregnancy and Childbirth since July 2018.
Editorial Board Member for the Obstetrics and Gynecology section of Scientific Reports since November 2022.
Associate Editor of Fetal Diagnosis and Therapy since November 2022.

LIST OF PUBLICATIONS

- 1) Patrelli TS, Dall'asta A, Gizzo S, Pedrazzi G, Piantelli G, Jasonni VM, Modena AB. Calcium supplementation and prevention of preeclampsia: a meta-analysis. *J Matern Fetal Neonatal Med.* 2012 Dec;25(12):2570-4. doi:10.3109/14767058.2012.715220. Epub 2012 Aug 24. PMID: 22889274.
- 2) Berretta R, Merisio C, Dall'Asta A, Verrotti C, Rolla M, Bruni S, Bacchi Modena A. Conservative treatment for interstitial monochorionic twin pregnancy: case report and review of the published work. *J Obstet Gynaecol Res.* 2014 Mar;40(3):829-32. doi: 10.1111/jog.12250. Epub 2013 Dec 10. PMID: 24319991.
- 3) Berretta R, Gizzo S, Dall'Asta A, Mazzone E, Monica M, Franchi L, Peri F, Patrelli TS, Bacchi Modena A. Risk of preterm delivery associated with prior treatment of cervical precancerous lesion according to the depth of the cone. *Dis Markers.* 2013;35(6):721-6. doi: 10.1155/2013/686027. Epub 2013 Nov 13. PMID: 24324288; PMCID: PMC3845428.
- 4) Dall'Asta A, Patrelli TS, Franchi L, Rolla M, Sianesi N, Modena AB, Berretta R. Total laparoscopic hysterectomy: our experience from 2008 to 2012. *Ann Ital Chir.* 2013 Nov-Dec;84(6):645-8. PMID: 24534752.
- 5) Patrelli TS, Gizzo S, Noventa M, Dall'Asta A, Musarò A, Faioli R, Zanni GC, Piantelli G, Lukanovic A, Bacchi Modena A, Berretta R. Female stress urinary incontinence: clinical efficacy and satisfaction after transobturator adjustable tape sling. An observational longitudinal cohort study. *Surg Innov.* 2015 Apr;22(2):137-42. doi: 10.1177/1553350614535855. Epub 2014 May 29. PMID: 24879502.
- 6) Dall'Asta A, Gizzo S, Musarò A, Quaranta M, Noventa M, Migliavacca C, Sozzi G, Monica M, Mautone D, Berretta R. Uterine smooth muscle tumors of uncertain malignant potential (STUMP): pathology, follow-up and recurrence. *Int J Clin Exp Pathol.* 2014 Oct 15;7(11):8136-42. PMID: 25550862; PMCID: PMC4270570.
- 7) Berretta R, Dall'Asta A, Merisio C, Monica M, Lori L, Galli L, Mautone D, Frusca T. Tubal ectopic pregnancy: our experience from 2000 to 2013. *Acta Biomed.* 2015 Sep 14;86(2):176-80. PMID: 26422433.
- 8) Dall'Asta A, Paramasivam G, Lees CC. Crystal Vue technique for imaging fetal spine and ribs. *Ultrasound Obstet Gynecol.* 2016 Mar;47(3):383-4. doi: 10.1002/uog.15800. PMID: 26511656.
- 9) Gizzo S, Noventa M, Vitagliano A, Dall'Asta A, D'Antona D, Aldrich CJ, Quaranta M, Frusca T, Patrelli TS. An Update on Maternal Hydration Strategies for Amniotic Fluid Improvement in Isolated Oligohydramnios and Normohydramnios: Evidence from a Systematic Review of Literature and Meta-Analysis. *PLoS One.* 2015 Dec 11;10(12):e0144334. doi: 10.1371/journal.pone.0144334. PMID: 26658482; PMCID: PMC4684238.
- 10) Gizzo S, Patrelli TS, Dall'asta A, Di Gangi S, Giordano G, Migliavacca C, Monica M, Merisio C, Nardelli GB, Quaranta M, Noventa M, Berretta R. Coexistence of adenomyosis and endometrioid endometrial cancer: Role in surgical guidance and prognosis estimation. *Oncol Lett.* 2016 Feb;11(2):1213-1219. doi: 10.3892/ol.2015.4032. Epub 2015 Dec 15. PMID: 26893721; PMCID: PMC4734061.
- 11) Faioli R, Berretta R, Dall'Asta A, Di Serio M, Galli L, Monica M, Frusca T. Endoloop technique for laparoscopic cornuectomy: A safe and effective approach for the treatment of interstitial pregnancy. *J Obstet Gynaecol Res.* 2016 Aug;42(8):1034-7. doi: 10.1111/jog.13005. Epub 2016 Apr 28. PMID: 27125208.
- 12) Lawin O'Brien A, Dall'Asta A, Tapon D, Mann K, Ahn JW, Ellis R, Ogilvie C, Lees C. Gestation related karyotype, QF-PCR and CGH-array failure rates in diagnostic amniocentesis. *Prenat Diagn.* 2016 Aug;36(8):708-13. doi: 10.1002/pd.4843. Epub 2016 Jun 30. PMID: 27192044.
- 13) Mautone D, Dall'asta A, Monica M, Galli L, Capozzi VA, Marchesi F, Giordano G, Berretta R. Isolated port-site metastasis after surgical staging for low-risk endometrioid endometrial cancer: A case report. *Oncol Lett.* 2016 Jul;12(1):281-284. doi: 10.3892/ol.2016.4595. Epub 2016 May 17. PMID: 27347138; PMCID: PMC4906650.
- 14) Dall'Asta A, Ghi T, Pedrazzi G, Frusca T. Does vacuum delivery carry a higher risk of shoulder dystocia? Review and meta-analysis of the literature. *Eur J Obstet Gynecol Reprod Biol.* 2016 Sep;204:62-8. doi: 10.1016/j.ejogrb.2016.07.506. Epub 2016 Aug 4. PMID: 27522245.
- 15) Ghi T, Dall'Asta A, Kiener A, Volpe N, Suprani A, Frusca T. Intrapartum diagnosis of posterior asynclitism using two-dimensional transperineal ultrasound. *Ultrasound Obstet Gynecol.* 2017 Jun;49(6):803-804. doi: 10.1002/uog.17302. Epub 2017 May 2. PMID: 27619356.
- 16) Dall'Asta A, Paramasivam G, Lees CC. Qualitative evaluation of Crystal Vue rendering technology in assessment of fetal lip and palate. *Ultrasound Obstet Gynecol.* 2017 Apr;49(4):549-552. doi: 10.1002/uog.17346. PMID: 27804201.

- 17) Lawin-O'Brien AR, Dall'Asta A, Knight C, Sankaran S, Scala C, Khalil A, Bhide A, Heggarty S, Rakow A, Pasupathy D, Papageorgiou AT, Lees CC. Short-term outcome of periviable small-for-gestational-age babies: is our counseling up to date? *Ultrasound Obstet Gynecol.* 2016 Nov;48(5):636-641. doi: 10.1002/uog.15973. PMID: 27854384.
- 18) Dall'Asta A, Cavalli C, Galli L, Volpe N, Weiss A, Kaihura CT, Agnetti A, Frusca T, Ghi T. Is the short axis view of the fetal heart useful in improving the diagnostic accuracy of outlet ventricular septal defects? *Prenat Diagn.* 2017 Feb;37(2):156-161. doi: 10.1002/pd.4981. Epub 2017 Jan 5. PMID: 27943388.
- 19) Volpe N, Mazzone E, Muto B, Suprani A, Fanelli T, Kaihura CT, Dall'Asta A, Pedrazzi G, Del Rossi C, Silini EM, Magnani C, Volpe P, Ghi T, Frusca T. Three-dimensional assessment of umbilical vein deviation angle for prediction of liver herniation in left-sided congenital diaphragmatic hernia. *Ultrasound Obstet Gynecol.* 2018 Feb;51(2):214-218. doi: 10.1002/uog.17406. Epub 2017 Dec 27. PMID: 28078737.
- 20) Dall'Asta A, Brunelli V, Prefumo F, Frusca T, Lees CC. Early onset fetal growth restriction. *Matern Health Neonatol Perinatol.* 2017 Jan 18;3:2. doi: 10.1186/s40748-016-0041-x. PMID: 28116113; PMCID: PMC5241928.
- 21) Saccone G, Berghella V, Maruotti GM, Ghi T, Rizzo G, Simonazzi G, Rizzo N, Facchinetti F, Dall'Asta A, Visentin S, Sarno L, Xodo S, Bernabini D, Monari F, Roman A, Eke AC, Hoxha A, Ruffatti A, Schuit E, Martinelli P; PREGNANTS (PREGNancy in women with ANTiphospholipid Syndrome) working group. Antiphospholipid antibody profile based obstetric outcomes of primary antiphospholipid syndrome: the PREGNANTS study. *Am J Obstet Gynecol.* 2017 May;216(5):525.e1-525.e12. doi: 10.1016/j.ajog.2017.01.026. Epub 2017 Jan 30. PMID: 28153662.
- 22) Dall'Asta A, Schievano S, Bruse JL, Paramasivam G, Kaihura CT, Dunaway D, Lees CC. Quantitative analysis of fetal facial morphology using 3D ultrasound and statistical shape modeling: a feasibility study. *Am J Obstet Gynecol.* 2017 Jul;217(1):76.e1-76.e8. doi: 10.1016/j.ajog.2017.02.007. Epub 2017 Feb 14. PMID: 28209493.
- 23) Ghi T, Dall'Asta A, Cavalli C, Galli L, Weiss A, Pedrazzi G, Kaihura CT, Volpe N, Agnetti A, Frusca T. How often an isolated cardiac disproportion predicts a coarctation of the aorta? Single center experience and systematic review of the literature. *J Matern Fetal Neonatal Med.* 2018 May;31(10):1350-1357. doi: 10.1080/14767058.2017.1314459. Epub 2017 Apr 20. PMID: 28366040.
- 24) Dall'Asta A, Volpe N, Galli L, Frusca T, Ghi T. Intrapartum Sonographic Diagnosis of Compound Hand-Cephalic Presentation. *Ultraschall Med.* 2017 Oct;38(5):558-559. doi: 10.1055/s-0043-110008. Epub 2017 Jul 6. PMID: 28683513.
- 25) Ghi T, Dall'Asta A, Saccone G, Bellussi F, Frusca T, Martinelli P, Pilu G, Rizzo N. Reduced short-term variation following antenatal administration of betamethasone: Is reduced fetal size a predisposing factor? *Eur J Obstet Gynecol Reprod Biol.* 2017 Sep;216:74-78. doi: 10.1016/j.ejogrb.2017.07.010. Epub 2017 Jul 10. PMID: 28735176.
- 26) Dall'Asta A, Paramasivam G, Lees CC. Reply. *Ultrasound Obstet Gynecol.* 2017 Aug;50(2):276-277. doi: 10.1002/uog.17540. PMID: 28782229.
- 27) Ghi T, Dall'Asta A, Conturso R, Volpe N, Schivardi N, Monopoli V, Preziosa A, Tutschek B. Fetal Brain Tutor 4us: an app for interactive multiplanar navigation through the normal fetal brain. *Ultrasound Obstet Gynecol.* 2018 Jun;51(6):711-713. doi: 10.1002/uog.18957. PMID: 29148609.
- 28) Frusca T, Parolini S, Dall'Asta A, Hassan WA, Vitulo A, Gillett A, Pasupathy D, Lees CC. Fetal size and growth velocity in chronic hypertension. *Pregnancy Hypertens.* 2017 Oct;10:101-106. doi: 10.1016/j.preghy.2017.06.007. Epub 2017 Jun 21. PMID: 29153660.
- 29) Dall'Asta A, Shah H, Masini G, Paramasivam G, Yazbek J, Bourne T, Lees CC. Evaluation of tramline sign for prenatal diagnosis of abnormally invasive placenta using three-dimensional ultrasound and Crystal Vue rendering technology. *Ultrasound Obstet Gynecol.* 2018 Sep;52(3):403-404. doi: 10.1002/uog.18975. PMID: 29205615.
- 30) Ghi T, Dall'Asta A, Suprani A, Aiello E, Musarò A, Bosi C, Pedrazzi G, Kiener A, Arduini D, Frusca T, Rizzo G. Correlation between Subpubic Arch Angle and Mode of Delivery in Large-for-Gestational-Age Fetuses. *Fetal Diagn Ther.* 2018;44(3):221-227. doi: 10.1159/000481169. Epub 2017 Dec 13. PMID: 29232667.
- 31) Volpe N, Migliavacca C, Dall'Asta A, Politi S, Schera GBL, Pilu G, Frusca T, Ghi T. Intrapartum ultrasound examination of fetal shoulder following head delivery. *Ultrasound Obstet Gynecol.* 2018 Dec;52(6):803-805. doi: 10.1002/uog.19031. Epub 2018 Nov 5. PMID: 29479753.
- 32) Dall'Asta A, Paramasivam G, Lees CC. Reply. *Ultrasound Obstet Gynecol.* 2018 Mar;51(3):416-418. doi: 10.1002/uog.18985. PMID: 29512275.
- 33) Dall'Asta A, Lees C. Early Second-Trimester Fetal Growth Restriction and Adverse Perinatal Outcomes. *Obstet Gynecol.* 2018 Apr;131(4):739-740. doi: 10.1097/AOG.0000000000002548. PMID: 29578967.
- 34) Ghi T, Dall'Asta A, Masturzo B, Tassis B, Martinelli M, Volpe N, Prefumo F, Rizzo G, Pilu G, Cariello L, Sabbioni L, Morselli-Labate AM, Todros T, Frusca T. Randomised Italian Sonography for occiput POSition Trial Ante vacuum (R.I.S.POS.T.A.). *Ultrasound Obstet Gynecol.* 2018 Dec;52(6):699-705. doi: 10.1002/uog.19091. Epub 2018 Nov 8. PMID: 29785716.
- 35) Dall'Asta A, Ghi T, Rizzo G, Cancemi A, Aloisio F, Arduini D, Pedrazzi G, Figueras F, Frusca T. Cerebroplacental ratio assessment in early labor in uncomplicated term pregnancy and prediction of adverse perinatal outcome: prospective multicenter study. *Ultrasound Obstet Gynecol.* 2019 Apr;53(4):481-487. doi: 10.1002/uog.19113. Epub 2019 Mar 4. PMID: 29900608.

- 36) Dall'Asta A, van Oostrum NHM, Basheer SN, Paramasivam G, Ghi T, Galli L, Groenenberg IA, Tangi A, Accorsi P, Echevarria M, Angeles Rodríguez Perez M, Albaiges Baiget G, Prefumo F, Frusca T, Go AT, Lees CC. Etiology and Prognosis of Severe Ventriculomegaly Diagnosed at Late Gestation. *Ultraschall Med.* 2018 Dec;39(6):675-689. English. doi: 10.1055/a-0627-7173. Epub 2018 Jul 5. PMID: 29975968.
- 37) Ghi T, Dall'Asta A, Valensise H. Antenatal Care of Preeclampsia: From the Inverted Pyramid to the Arrow Model? *Fetal Diagn Ther.* 2018;44(2):81-84. doi: 10.1159/000490047. Epub 2018 Jul 12. PMID: 30001543.
- 38) MONOMONO Working Group. Inpatient vs outpatient management and timing of delivery of uncomplicated monochorionic monoamniotic twin pregnancy: the MONOMONO study. *Ultrasound Obstet Gynecol.* 2019 Feb;53(2):175-183. doi: 10.1002/uog.19179. Epub 2018 Dec 30. PMID: 30019431.
- 39) Ghi T, Dall'Asta A, Franchi L, Fieni S, Gaibazzi N, Siniscalchi C, Pedrazzi G, Montaguti E, Degli Esposti D, Carpano MG, Suprani A, Orabona R, Prefumo F, Vizzardi E, Bonadei I, Sciatti E, Borghi C, Frusca T. The Effect of Chorionicity on Maternal Cardiac Adaptation to Uncomplicated Twin Pregnancy: A Prospective Longitudinal Study. *Fetal Diagn Ther.* 2019;45(6):394-402. doi: 10.1159/000490462. Epub 2018 Aug 17. PMID: 30121656.
- 40) Dall'Asta A, Paramasivam G, Lees C, Ghi T, Frusca T. The Brain Shadowing Sign: A Clue Finding for Early Suspicion of Craniosynostosis? *Fetal Diagn Ther.* 2019;45(5):357-360. doi: 10.1159/000490493. Epub 2018 Aug 23. PMID: 30138932.
- 41) Dall'Asta A, Paramasivam G, Lees CC. Reply. *Ultrasound Obstet Gynecol.* 2018 Sep;52(3):408-411. doi: 10.1002/uog.19180. PMID: 30182404.
- 42) Volpe N, Migliavacca C, Dall'Asta A, Kaihura CT, Ghi T, Frusca T. Prenatal diagnosis of fetal multiple hemivertebrae: the importance of 3D ultrasound assessment. *J Matern Fetal Neonatal Med.* 2020 May;33(10):1755-1757. doi: 10.1080/14767058.2018.1526899. Epub 2018 Oct 29. PMID: 30231662.
- 43) Ghi T, Chandraran E, Fieni S, Dall'Asta A, Galli L, Ferretti A, Ricciardi P, Locatelli A, Lambicchi L, Bellussi F, Pili G, Frusca T. Correlation between umbilical vein-to-artery delta pH and type of intrapartum hypoxia in a cohort of acidemic neonates: A retrospective analysis of CTG findings. *Eur J Obstet Gynecol Reprod Biol.* 2018 Dec;231:25-29. doi: 10.1016/j.ejogrb.2018.10.005. Epub 2018 Oct 3. PMID: 30317141.
- 44) Dall'Asta A, Paramasivam G, Basheer SN, Whitby E, Tahir Z, Lees C. How to obtain diagnostic planes of the fetal central nervous system using three-dimensional ultrasound and a context-preserving rendering technology. *Am J Obstet Gynecol.* 2019 Mar;220(3):215-229. doi: 10.1016/j.ajog.2018.11.1088. Epub 2018 Nov 14. PMID: 30447211.
- 45) Dall'Asta A, Grisolia G, Nanni M, Volpe N, Schera GBL, Frusca T, Ghi T. Sonographic demonstration of fetal esophagus using three-dimensional ultrasound imaging. *Ultrasound Obstet Gynecol.* 2019 Dec;54(6):746-751. doi: 10.1002/uog.20221. Epub 2019 Nov 4. PMID: 30672651.
- 46) Volpe N, Dall'Asta A, Schera GBL, Di Pasquo E, Frusca T, Ghi T. Impact of fetal brain ultrasound tutor smartphone application on normal anatomy learning. *Prenat Diagn.* 2019 Mar;39(4):303-307. doi: 10.1002/pd.5426. Epub 2019 Feb 21. PMID: 30698846.
- 47) Dall'Asta A, Berretta R, Ghi T. Three-Dimensional Ultrasound of Intrauterine Devices. *J Obstet Gynaecol Can.* 2020 Jan;42(1):1. doi: 10.1016/j.jogc.2018.09.008. Epub 2019 Feb 14. PMID: 30772324.
- 48) Cali G, Forlani F, Lees C, Timor-Tritsch I, Palacios-Jaraquemada J, Dall'Asta A, Bhide A, Flacco ME, Manzoli L, Labate F, Perino A, Scambia G, D'Antonio F. Prenatal ultrasound staging system for placenta accreta spectrum disorders. *Ultrasound Obstet Gynecol.* 2019 Jun;53(6):752-760. doi: 10.1002/uog.20246. Epub 2019 May 6. PMID: 30834661.
- 49) Saccone G, Khalil A, Thilaganathan B, Glinianaia SV, Berghella V, D'Antonio F; MONOMONO, NorSTAMP and STORK research collaboratives. Weight discordance and perinatal mortality in monoamniotic twin pregnancy: analysis of MONOMONO, NorSTAMP and STORK multiple-pregnancy cohorts. *Ultrasound Obstet Gynecol.* 2020 Mar;55(3):332-338. doi: 10.1002/uog.20357. Epub 2020 Feb 13. PMID: 31132179.
- 50) Dall'Asta A, Girardelli S, Usman S, Lawin-O'Brien A, Paramasivam G, Frusca T, Lees CC. Etiology and perinatal outcome of periviable fetal growth restriction associated with structural or genetic anomaly. *Ultrasound Obstet Gynecol.* 2020 Mar;55(3):368-374. doi: 10.1002/uog.20368. Epub 2020 Feb 14. PMID: 31180600.
- 51) Ghi T, Dall'Asta A, Fieni S. Elective induction of labour in low risk nulliparous women at term: Caution is needed. *Eur J Obstet Gynecol Reprod Biol.* 2019 Aug;239:64-66. doi: 10.1016/j.ejogrb.2019.05.037. Epub 2019 Jun 5. PMID: 31195165.
- 52) Di Pasquo E, Ghi T, Dall'Asta A, Angeli L, Fieni S, Pedrazzi G, Frusca T. Maternal cardiac parameters can help in differentiating the clinical profile of preeclampsia and in predicting progression from mild to severe forms. *Am J Obstet Gynecol.* 2019 Dec;221(6):633.e1-633.e9. doi: 10.1016/j.ajog.2019.06.029. Epub 2019 Jun 19. PMID: 31226294.
- 53) Volpe N, Schera GBL, Dall'Asta A, Di Pasquo E, Ghi T, Frusca T. Cervical sliding sign: new sonographic marker to predict impending preterm delivery in women with uterine contractions. *Ultrasound Obstet Gynecol.* 2019 Oct;54(4):557-558. doi: 10.1002/uog.20395. PMID: 31290211.
- 54) di Pasquo E, Ghi T, Cali G, D'Antonio F, Fratelli N, Forlani F, Prefumo F, Kaihura CT, Volpe N, Dall'Asta A, Frusca T. Intracervical lakes as sonographic marker of placenta accreta spectrum disorder in patients with placenta previa or

low-lying placenta. *Ultrasound Obstet Gynecol.* 2020 Apr;55(4):460-466. doi: 10.1002/uog.21866. Epub 2020 Mar 6. PMID: 31503353.

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- 181) Lees CC, Pranpanus S, Dall'Asta A, Aryananda R, Shih JC. Diagnosis of placenta accreta spectrum by the 'rail' and 'tramline' signs: similar names but different techniques and topography. *Am J Obstet Gynecol*. 2026 Jan 19:S0002-9378(26)00025-6. doi: 10.1016/j.ajog.2026.01.017. Epub ahead of print. PMID: 41565145.
- 182) Di Serio M, Corno E, dell'Omo S, Melioli P, Contardi G, Nigro A, Neri S, Ghi T, Dall'Asta A. Antepartum 2-dimensional sonographic evaluation of levator ani muscle coactivation and correlation with labor outcomes in nulliparous women at term gestation. *Am J Obstet Gynecol MFM*. 2026 Jan 24:101901. doi: 10.1016/j.ajogmf.2026.101901. Epub ahead of print. PMID: 41587639.
- 183) Volpe G, Sarno L, Mantovani E, Di Mascio D, D'Ambrosio V, Fanelli T, Fantasia I, Minnella GP, Quaresima P, Corno E, Dall'Asta A; SIEOGiovani Committee of the Italian Society of Ultrasound in Obstetrics and Gynecology (SIEOG). Implementation and Performance of First-Trimester Referral Ultrasound Scan Following the Introduction of National Guidelines. *J Clin Ultrasound*. 2026 Feb 5. doi: 10.1002/jcu.70181. Epub ahead of print. PMID: 41641561.

- 184) Dall'Asta A, Stampalija T, Wolf H, Lees C. Identification of preterm growth restricted fetuses requiring delivery within 7 days. *Am J Obstet Gynecol.* 2026 Feb 14:S0002-9378(26)00080-3. doi: 10.1016/j.ajog.2026.02.016. Epub ahead of print. PMID: 41698520.
- 185) Politi S, Dall'Asta A. Management of second stage and active pushing: time duration and beyond. *Am J Obstet Gynecol.* 2026 Feb 26:S0002-9378(26)00118-3. doi: 10.1016/j.ajog.2026.02.035. Epub ahead of print. PMID: 41763380.
- 186) Dall'Asta A, Ghi T. Point-of-care ultrasound in labor: measuring angles and distances, and beyond. *Ultrasound Obstet Gynecol.* 2026 Mar 16. doi: 10.1002/uog.70207. Epub ahead of print. PMID: 41834490.

Participation as Author or Co-Author in Textbooks:

- 1) Co-Author of the chapter entitled "Neural tube defects" on "Obstetric Imaging: Fetal Diagnosis and Care, 2nd Edition" by Joshua Copel, MD, Elsevier, 2017
- 2) Co-Author of the chapter entitled "Cono-truncal abnormalities" on the II edition of the Textbook of fetal Echocardiography by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2016
- 3) First Author of the chapter entitled "Abnormalities of the cavum septum pellucidum and holoprosencephaly" on the II edition of the Textbook of fetal Neurosonology by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2017
- 4) Co-Author of the chapter entitled "Ultrasound monitoring of the fetal wellbeing in term pregnancy: amniotic fluid, nuchal cord and fetal Doppler" on the Textbook entitled "Updates on antepartum and intrapartum ultrasound and biophysical monitoring" by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2016
- 5) Co-Author of the chapter entitled "Role of ultrasound in prolonged labor and before instrumental delivery" on the Textbook entitled "Updates on antepartum and intrapartum ultrasound and biophysical monitoring" by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2016
- 6) First Author of the chapter entitled "Biophysical monitoring of early and late fetal growth restriction" on the Textbook entitled "Updates on antepartum and intrapartum ultrasound and biophysical monitoring" by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2016
- 7) First Author of the chapter entitled "Fetal growth restriction" on the Textbook entitled "Manual of obstetric ultrasound in the second and third trimester of pregnancy" by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam 2018
- 8) First Author of the chapter entitled "Diagnosis and management of the sentinel events during labour (uterine rupture, placental abruption, cord prolapse): role of ultrasound" by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG), Editeam (In press)
- 9) First Author of the chapter entitled "Doppler diagnosis" on the Textbook "Springer Verlag Book Fetal Growth Restriction: Current Evidence and Clinical Practice". Editors: Luciano Marcondes Machado Nardozza, Edward Araujo Júnior, Giuseppe Rizzo, Russell Lee Deter. Springer 2019
- 10) First Author and co-Author of the chapters entitled "Malpositions and malpresentations", "First stage of labor" and "Arrest in the first stage of labor" in the Textbook entitled "Labor & Delivery Management". Editors: Vincenzo Berghella, Gabriele Saccone, Tullio Ghi, Amanda Roman. JP Medical Publishers 2019
- 11) First Author of the chapter entitled "The role of the Occiput-Spine Angle in prolonged labour and delivery outcome" in the textbook entitled "Intrapartum Ultrasonography for Labor Management". Editor: Antonio Malvasi. Springer 2021
- 12) First Author of the chapter entitled "Emergency and urgency in puerperium: scenario and complications" in the textbook entitled "Practical guide to simulation in delivery room emergencies". Editor: Antonio Malvasi. Springer 2022.

Conference attendance – Participation as Speaker or Chair:

- 1) Speaker and Chair, ISUOG World Congress 2025, Cancun, 14-17 September 2025
- 2) Speaker, 22nd World Congress in Fetal Medicine, Prague, 29 June – 3 July 2025
- 3) Speaker and Chair, ISUOG World Congress 2024, Budapest, 15-18 September 2024
- 4) Speaker, 21st World Congress in Fetal Medicine, Lisbon, 23-27 June 2024
- 5) Speaker and Chair, ISUOG World Congress 2023, Seoul, 16-19 October 2023
- 6) Speaker and Chair, ISLANDS Course and Congress London, 31st March-1st April 2023
- 7) Speaker at the ISUOG International Symposium Asia, 19-20 November 2022
- 8) Speaker and Chair 9th. Gießener Symposium Prenatal medicine & fetal therapy, March 23-25, Giessen, Germany
- 9) Speaker and Chair at the International Congress Fetal growth restriction: what has changed?; Parma, 27 and 28 January 2023
- 10) Speaker at the Congress entitled "Expert Imaging in Obstetrics and Gynecology", London, 18-20 May 2022
- 11) Speaker at the 30th Congress of the Deutschen Gesellschaft für Perinatale Medizin (DGPM), 24-27 November 2021
- 12) Speaker at the 2022 Annual Scientific Meeting of the Royal Australian and New Zealand College of Obstetricians and Gynaecologists, Gold Coast 10-12 October 2022
- 13) Speaker and Chair at the ISUOG World Congress 2022, London 16-18 September 2022
- 14) Speaker and discussant of clinical cases of cardiac abnormalities at the Webinar organized by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG) entitled "Corso avanzato sul cuore fetale", 21-22 May 2021.

- 15) Speaker at the Webinar organized by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG) entitled "Corso di ecografia in sala parto", 16-17 April 2021. Topic presented: "Role of ultrasound in the management of protracted active phase of labour".
- 16) Speaker at the Webinar organized by the Italian Association on Preeclampsia (AIPE) entitled "Il ruolo dello studio dell'emodinamica materna: presente e futuro", 5-6 February 2021. Topic presented: "Role of the maternal and fetal Doppler in the labour ward".
- 17) Speaker in the "A to Z Doppler" session and in the EoD session on 17th October 2020, N-Gen Chair at the Ultrasound in the labour ward session at the 2020 ISUOG Virtual World Congress, 16-18 October 2020.
- 18) Speaker at the Webinar organized by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG) entitled "Corso Web Avanzato di Doppler velocimetria nella patologia ostetrica", 6-7 November 2020. Topic presented: "Doppler in early fetal growth restriction".
- 19) Speaker at the Webinar organized by the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG) entitled "Emergenza COVID19, gestione clinica ed ecografia", 9 April 2020. Topic presented: "Protection of the healthcare personnel and prevention of the transmission of the infection".
- 20) Speaker at the Italian Congress entitled "I Congresso pluriregionale AOGOI Emilia Romagna, Friuli-Venezia Giulia, Veneto, Trentino Alto Adige", Bologna, 5-7 June 2019. Topic presented: "Late onset fetal growth restriction".
- 21) Speaker and Chair at the 21st Congress of the Italian Society of Ultrasound in Obstetrics and Gynecology (SIEOG), Parma, 12-14 May 2019.
- 22) Speaker at the International Congress entitled "Expert Pregnancy Imaging", London, 8-11 May 2019. Topic presented: "Imaging facial cleft & micrognathia".
- 23) Speaker at the Italian Congress entitled "Update in ecografia ostetrica e ginecologica Congresso Regionale Lombardia", Brescia, 06 October 2018. Topic presented: "Cardiac disproportion".
- 24) Speaker at the Italian Congress entitled "Update in diagnostica materno-fetale" (Updates in maternal and fetal diagnosis), Potenza, 14th April 2018. Topics presented: "Screening for aneuploidies: from Nuchal Translucency to cfDNA" and "Ductus venosus: setting, importance and role in the clinical practice".
- 25) Speaker at the Italian Congress entitled "Aggiornamenti in diagnosi prenatale: dalla diagnosi al counseling" (Updates in prenatal diagnosis: from diagnosis to counseling), Castelnuovo del Garda (Verona), 30th September 2017. Topic presented: "Il volto fetale: lo studio ecografico nel secondo trimestre" (Ultrasound assessment of the fetal face in the second trimester).
- 26) Speaker at the International Congress "Perinatology in Rome. Update in Fetal and Neonatal Medicine.", Rome, 23rd-24th June 2017.
- 27) Speaker at the 20th Congress of the Italian Society of Ultrasound in Obstetrics and Gynecology (SIEOG), Florence, 14-17 May 2017. Topics presented: "Novel techniques for the assessment of the fetal face and skull: which role?" and "Sonographic signs of genetic syndromes: micrognathia".
- 28) Speaker at the International Congress entitled "Expert Fetal Medicine", London, 2-3 March 2017. Topic presented: "The clinical Value of Crystal Vue in fetal face".
- 29) Speaker at the Italian Congress entitled "Update in ecografia ostetrica e ginecologica Congresso Regionale Lombardia", Brescia, 25 February 2017. Topic presented: "What to do in early FGR: what we have learned from the TRUFFLE Study".
- 30) Speaker at the International Congress entitled "Expert Fetal Medicine", London, 3-4 March 2016. Topic presented: "3D Imaging in the fetal face, spine and brain: Emerging techniques and correlation with MRI".
- 31) Speaker at the Italian Course entitled "Corso avanzato interattivo di ecografia 2D e 3D – I quadri inusuali e patologici" ("Interactive advanced course on 2D and 3D ultrasound – Unusual and abnormal findings"), Varano de' Melegari, 8-9 April 2016.
- 32) Speaker at the London Fetal Medicine Meeting at the Queen Charlotte's and Chelsea Hospital on 19 October 2015. Topic presented: "Relearning anatomy: Crystal Vue 3D imaging."
- 33) Speaker at the Fetal Neurology Study Evening at the Queen Charlotte's and Chelsea Hospital on 2 December 2015. Topic presented: "CNS Imaging: new techniques."
- 34) Speaker at the International Congress entitled "Third Course on Doppler Maternal-Fetal Medicine. Parma, 28-29 October 2016. Topic presented: "Uterine artery Doppler."
- 35) Speaker at the International Course entitled "Corso ISUOG Ultrasound Plus: facial cleft and facial dysmorphism: from prenatal diagnosis to postnatal management." London, UK, 4 November 2016. Topic discussed: "A new technology: facial imaging using Crystal Vue."
- 36) Ultrasound trainer at the "Obstetric Ultrasound Foundation Course" at the Queen Charlotte's and Chelsea Hospital on 13-14 November 2015.
- 37) Speaker at the Fetal Medicine Study Evening entitled "Fetal growth and pre-eclampsia" at the Queen Charlotte's and Chelsea Hospital on 8th February 2018. Topic presented: "Big and small babies in pre-eclampsia".
- 38) Speaker at the Fetal Medicine Study Evening entitled "Fetal face and brain" at the Queen Charlotte's and Chelsea Hospital on 26th April 2018. Topic presented: "Imaging of the fetal face and skull".
- 39) Speaker at the Fetal Medicine Study Evening entitled "Fetal neuro and facial imaging 3D and MRI" on 17th September 2020. Topic presented: "2&3D Facial imaging & syndromes".
- 40) Speaker at the International Congress entitled "Expert Fetal Medicine", London, 1-2 March 2018. Topics presented: "Techniques for fetal palate imaging" and "Intrapartum ultrasound – how to do it".

- 41) Speaker at the Joint Obstetric and Neonatology Postgraduate Forum and Perinatal Mortality Meeting at Queen Charlotte's and Chelsea Hospital, London, 17 December 2018. Topic presented: "Sonofetoscopy".

Awards for Academic and Research activity:

- ISUOG World Congress 2025 – Best Oral Presentation Award as Presenter of the abstract entitled "OC 13.06 - Patterns of cardiac remodelling in late-onset FGR and correlation between morphometry and functional assessment using speckle tracking echocardiography.", which was selected as the best Oral Communication in its category.
- Principal Investigator of the study project entitled "Development and validation of an ultrasound-based artificial intelligence system to assist the choice between Cesarean section and vacuum extraction in the second stage of labor.", funded by the Italian Ministero dell'Università e della Ricerca (MUR) in the context of the "Bando PRIN 2022".
- Collaborator of the study project entitled "Artificial Intelligence algorithm for the screening of abnormal fetal brain findings at first trimester ultrasound scan", funded by the Italian Ministry of Health in the context of the "Bando della ricerca finalizzata 2021"
- Collaborator of the study project entitled "Getting bone health right from the start: innovative technology and new mechanisms of mother-fetus cross talk for osteopenia and osteoporosis prevention", funded by the Italian Ministry of Health in the context of the "Bando Ministero Salute Bando PNRR 2022"
- Collaborator of the study project entitled "Womb wise. Prenatal development of multisensory integration: a 4D ultrasound study.", funded by the University of Parma in the context of the "BANDO di Ateneo 2021 per la ricerca".
- 2022 Annual Meeting of Italian Society of Perinatal Medicine (SIMP) – Leading Author of the abstract entitled "Cerebral redistribution in late-onset fetal growth restriction: not always the same story", which was awarded the EU brain award.
- ISUOG World Congress 2018 – Best Oral Presentation Award as Presenter of the abstract entitled "OP 13.11 - Transabdominal and transperineal intrapartum ultrasound and mode of delivery in prolonged second stage of labor.", which was selected as the best Oral Presentation in its category.
- ISUOG World Congress 2018 – Best Oral Presentation Award as Presenter of the abstract entitled as presenter of the abstract entitled "OP 09-04 - The cervical sliding sign: a new ultrasound tool in the assessment of threatened preterm labor.", which was selected as the best Oral Presentation in its category.
- Co-applicant of the Research Project awarded the Research Grant "NIHR Imperial Biomedical Research Centre Imaging Call for Proposals 2018 " – Imperial College London (PI Prof Christoph Lees) – 14th March 2018
- Awarded by the University of Parma for extra-financial support for research purposes as visiting PhD fellow at Imperial College London. Title of the Grant "Mobilità Dottorandi - Contributo Aggiuntivo" – 10th July 2017
- ISUOG World Congress 2015 - Best Oral Communication award as Co-Author of the Abstract entitled "OC20.06 - Late amniocentesis: is our counselling up to date?" presented by Dr Anna Lawin-O'Brien

Activity as Reviewer for the following International Journals:

- American Journal of Obstetrics and Gynecology
- Ultrasound in Obstetrics and Gynecology
- BJOG: An International Journal of Obstetrics & Gynaecology
- Acta Obstetrica et Gynecologica Scandinavica
- American Journal of Obstetrics and Gynecology MFM
- European Journal of Obstetrics, Gynecology and Reproductive Biology
- Journal of Ultrasound in Medicine
- Journal of Obstetrics and Gynecology
- Journal of Obstetrics and Gynecology Research
- Bio Med Research International
- Maternal Health, Neonatology and Perinatology
- BMC Pregnancy and Childbirth
- Midwifery
- Oncology Letters
- Oncology Reports
- Science Progress
- Therapeutic Advances in Chronic Disease
- Environmental Pollution
- Healthcare

Affiliation to National and International Scientific Societies

- Member of the International Society on Ultrasound in Obstetrics and Gynecology (ISUOG)
- Chair of the Safety Committee (2021-2023 and 2023-2025) of the International Society on Ultrasound in Obstetrics and Gynecology (ISUOG)

- Member of the N-Gen Committee of the International Society on Ultrasound in Obstetrics and Gynecology (ISUOG) (2019-2021 and 2021-2023)
- Vice President of the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG)
- Co-Chair of the Fetal Growth Committee of the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG)
- Co-Chair of the working group on Fetal growth restriction developing the 2024 Guidelines of the Italian Society of Gynecology and Obstetrics (SIGO)
- Chair of the working group on Doppler ultrasound in Obstetrics developing the 2021 Guidelines of the Italian Society on Ultrasound in Obstetrics and Gynecology (SIEOG)

I am currently registered with the Ordine dei Medici Chirurghi e Odontoiatri della Provincia di Mantova (No. 3004) and with the General Medical Council (No. 7499345).

I hereby authorize to treat my personal data according to the Italian Law D.lgs. 196 – 30th June 2003.

Parma, 26 March 2026

Prof Andrea Dall'Asta

