Supplementary Information

M&M:

List of Clinical Trials included in the present study:

1) a comparative study, the ASTOUND trial (Tomosynthesis, TS, versus ultrasonography, US, in screening women with dense breast. National Multicenter Trial - Clinical Trial ID: NCT02066142), aiming to investigate differences in detection between TS and US in women with dense breasts and negative-mammography test[15] . **Code: ASTOUND**
2) a national randomized clinical trial on prevention of breast cancer, RF-2009-1539582 ("A multicenter randomized trial of contrast-enhanced MR imaging as a breast cancer screening tool in addition to mammography (Mx) and US in women at intermediate risk. Feasibility, and short term results") to develop a specific screening protocol for young women at increased risk of breast cancer that includes Mx and US versus contrast-enhanced Magnetic Resonance Imaging (MRI) to assess the long-term efficacy and adverse effects of MRI and to evaluate the performance of MRI, in terms of sensitivity, specificity, and its predictive value. **Code: IR, Intermediate Risk**
3) a prospective study, MIPA (Multicenter International Prospective Meta-Analysis of Individual Woman Data) Study, an EIBIR-EuroAIM/EUSOBI Study, investigating the role of preoperative breast MRI versus no preoperative breast MRI in women with a newly diagnosed first breast cancer. Thirty-four centers were selected in the world. **Code: MIPA**
4) TAM-01 (Trial of Low Dose Tamoxifen in Women With Breast Intraepithelial Neoplasia - Clinical Trial ID: NCT01357772), to assess if tamoxifen at a low dose can reduce the incidence of invasive breast cancer and ductal carcinoma in situ of the breast, in woman operated for lobular intraepithelial neoplasia or ER-positive ductal intraepithelial neoplasia of the breast. **Code: TAM-01**
5) a multicentre study, comparing the Digital Breast Tomosynthesis (DBT) and 2D digitalmammography (FFDM) in the characterisation of microcalcification clusters using Bi-RADS[16] . **Code: Tomo-micro**
6) a retrospective multicenter study to evaluate brachial plexus US performance[17] . **Code: BP-US**

7) a multicentre retrospective trial to evaluate brachial plexus MRI accuracy with surgical findings and clinical follow-up as reference standard[18]. **Code: BP-MRI**

Supplementary Figure.1

Questionnaire investigating the MDT's involvement in the trial and the main problems faced with.

Please fill out the following questionnaire.

Q1. How old are you?

1) <25 years
2) 25-30 years
3) 30-39 years
4) 40-49 years
5) >50 years

Q2 What is your position in your hospital?

1) Faculty (assistant professor, associate professor, professor)
2) Staff doctor
3) MD, PhD course student
4) Technicians
5) Nurses/research nurses
6) Undergraduate students (internship)/fellows
7) Others (please specify:……..)

Q3. Are you interested in managing Clinical Trials?

Yes
No

Q4. Have you participated in any clinical trials before?

Yes
No

Q5. What was your role in the clinical trials that you have participated in?

1) Principal Investigator
2) Co-investigator
3) Fellows
4) Nurses/Research nurse
5) Case Manager
6) Technician
7) Data manager
8) Others (Please, specify:

Q6. Have you been involved for the whole trial period?

Yes
No

If No, How long were you involved in recruitment for the trial?

Q7. Have you ever participated in a clinical trial that was terminated before completing the expected schedule provided by protocol?

1) Yes, I have had this experience.
2) No, I haven't had this experience
3) I don't know because I am conducting my first clinical trial now
4) I have never conducted a clinical trial

Q8. Have you ever participated in a multinational clinical trials?

Yes
No

Q9.What are the major problems in conducting clinical trials, on the basis of your experience?

Please indicate in which study you have participated, identified as a number:

1) Code: ASTOUND; 2) Code: IR; 3) code: MIPA; 4) Code: TAM-01; 5) Code: Tomo-micro; 6) Code: BP-US; 7) Code: BP-MRI

Please assign a score from 1 to 10, where 1 means no problem and 10 means a serious problem.

	1	2	3	4	5	6	7	8	9	10	Number/Code of Study
1) Lack of time for clinicians											
2) Insufficiency of infrastructure											
3) Lack of systemic support from the hospital											
4) Technical problems with the instrument											
5) Enrolment of trial participants											
6) Difficulties in communication with the Ethical Committee to obtain the informed consent											
7) Lack of communication between different members of mult-disciplinary											

team											
8) Funding											
9) Clinicians' reluctance to participate											
10) Patients' reluctance to participate											
11) Difficulties to record all information about the study's participants											
12) Others (please, specify											

Q10.What are the major obstacles in participation in a multinational clinical trials?
1) Code: ASTOUND; 2) Code: IR; 3) code: MIPA; 4) Code: TAM-01; 5) Code: Tomo-micro; 6) Code: BP-US; 7) Code: BP-MRI
Please assign a score from 1 to 10 , where 1 means no problem and 10 means a serious problem.

	1	2	3	4	5	6	7	8	9	10	Number/Code of Study
1) Quality of Clinical Trials											
2) Infrastructure of Clinical Trial											
3) Investigator and multi-disciplinary team qualifications											
4) Language barriers											
5) Cost-effectiveness											
6) Others (please,specify)											

Q11. Where do you usually acquire information and knowledge related to clinical trials and the principles of Good Clinical Practice (GCP)?

1) Internal seminars and lectures
2) International courses
3) Journal related to clinical trials
4) I don't have any opportunity to gain information

Q12. What do you think is important to develop a specialised training programs?

Yes
No

If Yes, for which type of staff involved in clinical trials?

1) Investigator
2) Clinical physician
3) Clinical research coordinator/research nurse
4) Data manager/biostatician
5) Technician