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Why and how to set up your robotic plastic surgery program?

The use of robotic surgery has grown exponentially during the last two decades in many surgical specialities. Since robots offer 100% tremor elimination and up to 5-to-1 motion scaling, robotic plastic surgery will allow the performance of minimally invasive procedures with the highest levels of precision. Some applications of robotic plastic surgery have already been described, and more are almost certain to emerge in the near future. However, robotic assisted surgery and microsurgery requires additional skills that need to be mastered and so specific training is mandatory. In this presentation, we highlight the importance of robotic assisted surgery in plastic surgery, focusing first on why a robotic plastic surgery program should be implemented and how it can improve our daily surgical practice. Secondly, we discuss

how it should be implemented in order to ensure that it is feasible, safe, and will improve patients' outcomes.

Speaker Biography

Mireia Ruiz Castilla is a recognized authority in Plastic, Cosmetic, and Reconstructive surgery. Qualified in Medicine in 2004, she is a board certified in Plastic, Reconstructive and Aesthetic Surgery since 2010 and PhD in surgery and morphological sciences in 2018. She worked as a Plastic Surgery consultant in Vall d'Hebron University Hospital and since 2017 she is the Head of Plastic, Reconstructive and Aesthetic Surgery Department of Hospital Quironsalud in Barcelona. She is a highly experienced surgeon in aesthetic facial and breast surgery, reconstructive surgery and microsurgery procedures. She has published several peer-reviewed articles in international journals and chapters in books, and she has presented several conferences. She is a member of the Spanish Society of Plastic, Reconstructive, and Cosmetic Surgery and the American Society of Plastic Surgeons.

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