

## Report

### Pelvic Floor Repair Summit 2019

#### Successful “Pelvic Floor Repair Summit“ 10-11 May, 2019, in Nuremberg, Germany

DynaMesh® by FEG Textiltechnik Forschungs- und Entwicklungsgesellschaft mbH cooperated with Prof. Dr. Cosima Brucker, Dr. Dimitrios Bolovis and their team to host the “Pelvic Floor Repair Summit 2019” held in Nuremberg, Germany, on the 10th and 11th of May 2019.



Prof. Dr. Cosima Brucker



Dr. Dimitrios Bolovis

infrastructure and medical equipment made it an excellent location for hosting our first international symposium on pelvic floor reconstructive surgery. In its centre located within the Paracelsus University Department of Gynecology and Obstetrics, more than 800 urogynecologic surgeries are performed annually, including the full spectrum of open, laparoscopic, robotic and vaginal approaches.

Pelvic floor reconstructive surgery is gaining importance world-wide with accelerating speed. Therefore, the event focused on bringing together experts from all parts of the world to discuss their state-of-the-art approaches:

- Sacropexy unilateral, DynaMesh®-PRS
- Sacropexy bilateral, DynaMesh®-CESA/-VASA
- Pectopexy, DynaMesh®-PRP

Klinikum Nürnberg was chosen as the site to host the summit. Its high standard in technology,

One of the main event objectives was to promote collaboration among specialists. Hence, some of the most experienced and prestigious international urogynecologic surgeons were invited to share their experience on innovative cutting-edge technology and to exchange critical thoughts on how to fine-tune surgical know-how to optimize patient outcomes.

In total, 120 participants from over 20 countries joined the two-day event to explore a range of pelvic floor reconstructive surgery topics through live surgeries and expert lectures. The meeting was framed by high-profile discussions and sharing expertise in workshop-style discussion rounds.



After a welcome dinner on the 9th of May in nh Hotel Nuremberg, the scientific part of the event started in the morning of the 10th of May in Klinikum Nürnberg.

Prof. Dr. Cosima Brucker, *Head of Department Gynaecology and Obstetrics and Head Physician of Breast Centre in Klinikum Nürnberg*, warmly welcomed the attendees.



Following an additional welcome by Andreas Günzer, *Business Development Manager UroGyn at FEG Textiltechnik Forschungs- und Entwicklungsgesellschaft mbH* (manufacturer of DynaMesh<sup>®</sup> products and sponsor of the event),



PD Dr. Stefan Rimbach (*Head of Department Gynaecology and Obstetrics, Gynaecologic Oncology, Specific Surgical Gynaecology, Krankenhaus Agatharied, Germany*) took over to moderate and guide the audience through the programme.

Prof. Dr. Cosima Brucker and her colleague Dr. Dimitrios Bolovis, *Consultant Gynaecologic and Robotic Surgery at Klinikum Nürnberg*, started with a live surgery demonstrating a robotic-assisted pectopexy using a DynaMesh<sup>®</sup>-PRP soft mesh implant (03 cm x 15 cm).



This was followed by a lecture given by Prof. Dr. Bernd Klosterhalfen (*Krankenhaus Düren, Germany*), who is head of the only pathology laboratory in Germany that is certified and accredited for testing and approval of biomaterials, implants and medical devices. In his lecture on “What we learn from explanted meshes”, he presented interesting findings from an analysis of more than 1,000 explants: meshes with small pores or no pores are causing strong scar formation and, as a result of the “bridging” effect, significantly higher shrinkage. In addition, his research has shown that polypropylene is degrading under in vivo conditions.



In the subsequent live surgery, PD Dr. Karl Günter Noé (*Rhein-Kreis Neuss Clinics, Germany, Head physician of the clinics for gynaecology and obstetrics, Medical Director of Dormagen County Hospital and Vice-President Int. Soc. Gynecological Endoscopy (ISGE)*) and Dr. Michael Anapolski (*Rhein-Kreis Neuss Clinics, Germany, Senior consultant of the clinics for gynecology and obstetrics, Board Member Int. Soc. Gynecological Endoscopy (ISGE)*) presented the procedure of laparoscopic pectopexy in cooperation with Dr. Dimitrios Bolovis. The fixation of the apex was demonstrated by using a DynaMesh®-PRP soft mesh implant (03 cm x 15 cm).



In the subsequent lecture “Pectopexy: First operative data from a multi-centre international trial”, Dr. Michael Anapolski presented first results of a multicentre international study regarding the procedure of pectopexy. In this context, Dr. Anapolski illustrated that for the treatment of pelvic floor prolapse, the procedure of laparoscopic pectopexy provides significant practical benefits over laparoscopic sacropexy. The follow-up data will be completed by end of the year with the publication planned for next year.

The current multicentre study was carried out exclusively with the use of the PVDF material. In this context, Dr. Anapolski emphasised that PVDF causes a greatly reduced tissue reaction. Therefore, the implant remains elastic even in the long term with no signs of shrinkage. This is of vital importance in urogynaecology to ensure that complaints caused by the hardening or shortening of the material do not occur in the long term.



Prof. Dr. Brucker finally summarized the contents of the first day of the event, which focused on pectopexy, and thanked the international audience for their attention and active participation.





The first day concluded in a relaxed atmosphere with a dinner in the historic district of Nuremberg.

Participants used the opportunity to exchange ideas, share their experiences and establish contacts.

The second part of the event continued in the morning of the 11th of May in Klinikum Nürnberg with a video surgery presentation. PD Dr. Jacek Kociszewski, *Medical Director of the gynaecological clinic at Ev. Krankenhaus Hagen-Haspe, Germany*, presented a laparoscopic Cervico-Sacropexy with the use of DynaMesh<sup>®</sup>-PRS 04 cm x 20 cm.

[https://de.dyna-mesh.com/v/events/pelvic-floor-summit-2019/190510\\_Nuernberg\\_OP2\\_1.mp4](https://de.dyna-mesh.com/v/events/pelvic-floor-summit-2019/190510_Nuernberg_OP2_1.mp4)

Dr. Kociszewski shared the benefits of this specific unilateral Cervico-Sacropexy with a laterally offset implant arm and standardized hysterectomy (to a cervical length of 3cm).



In the subsequent video surgery presentation “CESA/VASA by laparoscopy”, Dr. Sokol Rexhepi, (*Head of Department Gynaecology and Obstetrics, Klinik Eichstätt, Germany*), presented the surgery procedure of CESA/VASA via minimally invasive

access with 3D visualisation. He elaborated on the treatment of the apical prolapse with the use of DynaMesh<sup>®</sup>-CESA.

[https://de.dyna-mesh.com/v/Vi085xx01\\_2019-02-05\\_anio-op-cesa-laparoscopy-rexhepi-brucker.mp4](https://de.dyna-mesh.com/v/Vi085xx01_2019-02-05_anio-op-cesa-laparoscopy-rexhepi-brucker.mp4)

Conclusion: As with the open abdominal CESA/VASA procedure, the laparoscopic procedure showed an excellent anatomical result. The individual surgical procedures could also be implemented in a standardized laparoscopic manner. In contrast to conventional apical fixations, a positive effect on urge incontinence and mixed incontinence could be observed, as well.



Dr. Sebastian Ludwig, *Senior Physician and Deputy Head of Pelvic Floor Centre at gynaecological hospital of Uniklinik Köln, Germany*, completed the lecture series of the second day with his presentation on “Study CESA/VASA laparoscopic”.



Thereafter, various working groups were formed based on the following topics: “Sacropexy unilateral, DynaMesh<sup>®</sup>-PRS”, “Sacropexy bilateral, DynaMesh<sup>®</sup>-

CESA/-VASA” as well as “Pectopexy, DynaMesh®-PRP”. The participants discussed intensively the different surgical techniques in their working groups and found a consensus regarding indication, patient selection as well as tips and tricks regarding applications. These results were then presented to everyone and formed the basis for a lively discussion.



Picture above: Working group PD Dr. Noé / Dr. Bolovis: “Pectopexy”



Picture above: Working group Dr. Rexhepi / Dr. Ludwig: “Sacropexy ililateral - CESA/VASA”



At the end of the “Pelvic Floor Repair Summit”, Prof. Dr. Brucker expressed her sincere thanks to all participants, guest surgeons and speakers for their commitment as well as the lively discussions throughout the entire event.



Picture above: Working group Prof. Brucker / Dr. Anapolski: “Individual Approach - which method for which patient”



We are very pleased that the “Pelvic Floor Repair Summit 2019” in Nuremberg received incredibly positive responses. The international audience rated the meeting as an excellent and valuable advanced training course to familiarise themselves with new techniques and procedures. The attendees also appreciated the excellent opportunity to exchange professional experience with other experts and to develop their networks. The quality of the live surgeries and lecture programme, the excellently selected location as well as the professional exchange with the attending experts contributed to the success of the event.



Picture above: Working group PD Dr. Kociszewski / Dr. Kolben: “Sacropexy unilateral”

The live surgery videos and lectures shared during the “Pelvic Floor Repair Summit” are available for all participants under the following link:

<https://en.dyna-mesh.com/veranstaltungen/pelvic-floor-repair-summit-2019/>

With the positive feedback received from the participants, another symposium on pelvic floor reconstructive surgery is planned in 2020. The exact date and programme of the meeting will be announced in good time.

The DynaMesh<sup>®</sup> team would like to extend our thanks to all participants, speakers and colleagues as well as to Prof. Dr. Cosima Brucker, Dr. Dimitrios Bolovis and their team for their active involvement and support. A special thanks goes to Dr. Stefan Rimbach, who has professionally and competently guided the audience throughout the entire programme.

The success of the event is also owed to the excellent cooperation with our international business partners. You are our partners in the hospital with direct contact to the end-users and made a great contribution to this event. Together with your customers, you made this summit possible.



Picture above, from left to right.: Tim Kretschmer, Local Sales Representative P.J., Dahlhausen, Dr. Sokol Rexhepi (Speaker), Andreas Günzer (Business Development Manager UroGyn, FEG), Sandra Roos (Event Manager, FEG)

Many thanks to all who have significantly contributed to the success of this event!



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