

and diabetes mellitus do not appear to impact the occurrence of postoperative infections.

**Conflicts of Interest:** Funded by Boston Scientific Corp, Coloplast Corporation.

**Abstract citation ID: qdaf077.229**

**EARLY COMPLICATIONS AFTER PENILE IMPLANT SURGERY**

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**Objectives:** Erectile dysfunction is a prevalent condition that may significantly impact psychosocial health and quality of life of patients suffering from this condition. While various treatment modalities exist, penile prosthesis implantation offers a permanent solution for patients that do not respond to or are not suitable for other treatment options. Surgery however, carries inherent risks and potential complications. The aim of this study was to determine the incidence and risk factors of early postoperative complications after penile implant surgery in a large, multicenter, prospective, observational cohort study.

**Methods:** Data were analyzed from patients participating in the PHOENIX registry, an international multicenter study on penile implant surgery conducted by the EAU Research Foundation. Patients were operated on from November 2021 until august 2024 in 30 centers from 8 countries. Data were collected prospectively. Our study was not limited to one device or brand, all available devices were eligible for inclusion. Postoperative complications were registered at different time points during follow-up, up to 2 years post-surgery. For this analysis we studied complications that occurred within 2 weeks after surgery.

**Results:** Data on early complications after penile implant surgery of 1072 patients were analyzed. Patients were on average 61 years old when receiving their penile implant. A total of 639 (60%) patients received a drain peroperatively. A total of 39 patients reported complications within 2 weeks after surgery. Infection occurred in 19 (1.8%) patients, 4 of which within 2 weeks post-surgery. Penoscrotal hematoma occurred in 9 (0.8%) patients, 6 of which within 2 weeks post-surgery. Of those patients who developed an infection, 8 (42%) patients had received a drain and 11 (58%) had not. A total of 278 (26%) patients were known with diabetes mellitus, whereas five (26%) patients with a postoperative infection suffered from diabetes mellitus.

**Conclusions:** This large and only-of-its-kind prospective, international, multicenter study confirms that penile implant surgery is a safe procedure with a low rate of early postoperative complications. Moreover, peroperative drain placement