

BMJ Open Patient perspectives on indwelling urinary catheters and fluid balances after transsphenoidal pituitary surgery: a qualitative study

Jeanne-Marie Nollen ¹, Anja H Brunsveld-Reinders,² Wilco C Peul,¹ Wouter R van Furth¹

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¹Department of Neurosurgery, Leiden University Medical Center, Leiden, Netherlands

²Department of Quality and Patient Safety, Leiden University Medical Center, Leiden, Netherlands

Correspondence to: Jeanne-Marie Nollen; J.M.Nollen@lumc.nl

ABSTRACT

Objectives. To explore the perceptions and experiences of patients who underwent transsphenoidal pituitary gland and (para)sellar tumour surgery regarding indwelling urinary catheters (IDUCs) and the postoperative fluid balance.

Design. Qualitative study using semistructured interviews based on the attitudes, social influence and self-efficacy model and expert knowledge.

Participants. Twelve patients who underwent transsphenoidal pituitary gland tumour surgery and received an IDUC during or after surgery.

Setting. One patient was interviewed in the endocrinology outpatient clinic and 11 patients were interviewed on the neurosurgery ward.

Results. Five major themes emerged: (1) conflicting information and preoperative expectations, (2) IDUCs perceived as patient-friendly during bedrest, particularly for women, (3) little room for patients' opinions, (4) physical and emotional limitations and (5) fluid balance causes confusion. Information regarding IDUC placement and fluid balance given to patients both preoperatively and postoperatively did not meet their expectations, which led to confusion and uncertainty. The IDUC was perceived as preferable if bedrest was mandatory, preferred particularly by women. Patient could not mobilise freely due to the IDUC and felt ashamed, judged by others and dependent on nurses.

Conclusions. This study provides insight into the challenges patients experience in relation to the IDUC and fluid balance. Perceptions on the necessity of an IDUC varied among patients and were influenced by both physical and emotional impediments. A clear, frequent and daily communication between healthcare professionals and patients to evaluate IDUC and fluid balance use is necessary to increase patient satisfaction.

INTRODUCTION

To evaluate hospital care and the corresponding processes, patients' perspectives play a crucial role as they offer information that goes beyond the scope of regular hospital staff evaluations.¹

Two frequently studied topics to gain insight in hospital care during the

STRENGTHS AND LIMITATIONS OF THIS STUDY

- This qualitative study provides a broader understanding of challenges related to indwelling urinary catheters and fluid balance in relation to bed rest and diabetes insipidus.
- Semistructured interviews were used to systematically explore set topics while allowing flexibility to explore participants' thoughts, feelings and beliefs.
- Two researchers listened to the interviews and individually coded the papers, before discussing the results.
- This study sample consisted of more female participants than male participants.

postoperative phase are indwelling urinary catheters (IDUCs) and fluid balances. While studies investigating fluid balances have focused primarily on accuracy and diagnostic value in critical care settings rather than focus on patient perspectives, patient experiences with and perceptions of IDUCs in the postoperative phase have been widely researched.^{2–4} Patients have connected IDUCs with both infections, including urinary tract infections (UTIs), and non-infectious problems, such as pain and discomfort.⁵ These studies focused on general surgical populations despite literature indicating that patients' perspectives could be influenced by their specific illness and operation and that research should therefore keep the individual needs and specific situations in mind.⁶

One group of patients who are a useful source of information about IDUC and fluid balance experiences are patients who underwent transsphenoidal pituitary gland and (para)sellar tumour surgery. In the university hospital, IDUCs are not routinely placed during this surgery due to the relatively short operation time of 2–3 hours.⁷ Despite this policy, IDUCs are frequently inserted postoperatively at the neurosurgical ward.

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J. Kiffin Penry



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Perspectives in Surgery Clare Gray Peterson, William Wonn Krippaehne, 1960 *Current Catalog* National Library of Medicine (U.S.), 1979 First multi year cumulation covers six years 1965 70 Microsurgery: Global Perspectives, An Issue of Clinics in Plastic Surgery Jin Bo Tang, Michel Saint-Cyr, 2017-03-30 This issue of Clinics in Plastic Surgery guest edited by Drs Jin Bo Tang and Michel Saint Cyr is devoted to Microsurgery Global Perspectives Articles in this issue include Digital Replantation Current Status in the World Exploring New Frontiers of Microsurgery From Anatomy to Clinical Methods Free Flaps Toe Transfers and Microsurgery for Crush Injury in the Hand Vascularised Bone Grafting for Scaphoid and Lunate Diseases Vascularised Small Bone Grafting to Treat Scaphoid Non Union Outcomes Compound or Specially Designed Flaps and Other Tissue Transfers in Upper and Lower Extremities Special Considerations in Upper and Lower Extremity Pediatric Microsurgical Reconstruction Microsurgical Tissue Transfer in Breast Reconstruction Non abdominal Based Free and Pedicle Flaps in Autologous Breast Reconstruction Complex Microsurgical Reconstruction after Tumor Resection in the Trunk and Extremities Keystone and Pedicle Perforator flaps in Sarcoma Reconstruction New Modifications and Applications Innovations and Future Directions in Head and Neck Microsurgical Reconstruction New Frontiers in Robotic Assisted Microsurgical Reconstruction and Current Methods to Deal with Vascular Crisis After Microsurgery A Global View

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target audiences University and College Students Educators Professional Practitioners Research Personnel and Policy Analysts Managers and Decision Makers and NGOs *Gastroenterology Abstracts and Citations* ,1968 **National Library of Medicine Current Catalog** National Library of Medicine (U.S.),1987 [Indexes to the Epilepsy Accessions of the Epilepsy Information System](#) J. Kiffin Penry,1978 [Oxford Textbook of Shared Decision Making in Healthcare](#) ,2025-08-21 Healthcare systems around the world are placing increasing importance on the relationship between patient choice and clinical decision making with many countries having shared decision making as a central theme in their healthcare policy developments The concept of shared decision making SDM in healthcare is simple clinicians and patients work together when solving problems and making decisions However the context and implementation are more challenging Written by a global team of experts the Oxford Textbook of Shared Decision Making fourth edition examines from both theoretical and practical perspectives what comprises an effective decision making process looking at the benefits and potential difficulties that arise when patients and clinicians share healthcare decisions The first sections cover the theory methods and implementation of SDM Later sections examine SDM from the viewpoints of different clinical and surgical specialities and allied disciplines such as nursing pharmacy and midwifery Each chapter contains reflections from a patient partner with lived experience of SDM giving a truly diverse and collaborative account of how SDM can work between patients families carers and healthcare professionals Authoritative evidence based and grounded in clinical practice the Oxford Textbook of Shared Decision Making explores a very important paradigm shift in the delivery of healthcare providing thoughtful consideration and key strategies for its successful implementation **Symposium on Personal Perspectives in Surgery** Rita McConn,1978 **Bibliography of the History of Medicine** ,1984 **Promoting Teamwork in Healthcare** Juliane E. Kämmer,Margarete Boos ,Julia Carolin Seelandt,2024-06-24 Providing healthcare is a team endeavor Teams play an important role along the full chain of patient care ranging from ad hoc emergency and anesthesia teams delivering immediate care to tumor boards conferring on long term cancer treatment Thereby quality of patient care hinges on the successful intra and interprofessional collaboration among healthcare professionals and sensitive partnering with patients and their families In particular communication and coordination in healthcare teams have been found essential for team performance and patient safety Yet effective teamwork is challenging especially in large hospitals where turnover rates are high and for interdisciplinary and interprofessional ad hoc teams lacking the experience of constantly working together as a team e g ICU emergency teams obstetrics or anesthesia Moreover healthcare teams deal with complex tasks have to make risky and fast decisions under uncertainty and to adapt quickly to changing conditions Fostering research on how to promote effective teamwork in healthcare may thus make an important contribution to a better quality of patient care

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Surgery How to Rehearse Before You See the Nurse

Rosann Argenti, 2006-04 Do you need to go under the knife for any reason Are you anticipating an extended or short term hospital visit Do you feel uncertain overwhelmed or ill prepared *Surgery How to Rehearse Before You See the Nurse* is a comprehensive guide written with the patient's perspective in mind It is designed to help you through one of the most challenging experiences surgery The witty title courtesy of legendary comedian Jackie Mason illustrates the style of the book a good humored approach to a potentially harrowing experience Rosann Argenti a trained social worker Tai Chi Master Instructor and a Licensed Massage therapist shares her personal saga about a surgical procedure that changed her life Rosann provides a wealth of information for patients and their families to use before and after surgery Through a series of questionnaires you will gain the insights necessary in making appropriate decisions when faced with the critical dynamics of surgery You will also derive emotional sustenance as you pass through the complexities of the medical arena Rosann presents many useful approaches on exercise relaxation music therapy self massage aromatherapy and offers recommendations related to drug dependency depression diet and nutrition Furthermore you will be provided with a complete survival kit for your hospital stay There are also highly practical sections on Helpful Hints for Family and Friends Living Will Advance Directive and Helpful Hints Regarding Your Hospital Bill Enjoy the unique and creative guidelines to make healing at home a more comfortable experience Let Rosann's insights become your opportunity to reinstate a new degree of self confidence *Surgery How to Rehearse Before You See the Nurse* is accurate up to date entertaining and informative I heartily recommend it as useful reading for patients families and medical professionals Gilbert Rosenberg MD FRCPC FACP Professor Emeritus of Medicine of Queen's University Kingston **Animal Welfare Science** Emily Patterson-Kane, Tina

Rich, 2025-09-10 Animal welfare as a concept and practice is important to many disciplines and professions From blue skies scientists to front line animal rescue there is a need for this textbook which distills and interprets the core concepts and language of animal welfare science Coverage includes the main theories and why we needed them practical advice for how to assess animal welfare illustrative examples of different species and the importance of their interactions and the stresses and strains experienced across an increasingly diverse workforce Foundational knowledge is combined with real world examples and recent advances to communicate the content and spirit of this unique field This accessible text is designed to support tertiary animal welfare curricula but is also relevant to the study of human animal interactions anthropology and related fields It provides a jumping off point for many areas of knowledge and application for anyone interested in how animal welfare and science intersect *Animal Welfare Science An Interdisciplinary Guide* was created to provide an informational grounding that fosters competency credibility and the confidence to engage with peers across the animal welfare space It also provides an overview of the career landscape with practical advice about the challenges and pressure points that you may encounter Along with copious color illustrations bullet points text boxes thought experiments tables and links to video and other online resources aid accessibility *Image-Guided Hypofractionated Stereotactic Radiosurgery* Arjun

Sahgal, 2021-07-15 Following recent developments in hypofractionated stereotactic radiation therapy SRT for brain and spine tumors this new edition offers a fully updated and comprehensive how to guidance on hypofractionated SRT for brain and spine metastases glioma benign tumors and other tumor types Presenting the state of the art of the technology and practice this book Discusses the pros and cons of hypofractionated SRT compared to single fraction radiosurgery providing a deeper understanding of radiosurgery and radiobiology Explains the toxicity and adverse effects of hypofractionated SRT including the dosage of 24 Gy in two spine SBRT fractionation schemes aiding practitioners in communicating the risks and benefits of treatment and in obtaining consent from their patients Outlines the current standards for safe practice including checklists for implementation Explores new technologies for brain and spine tumors including LITT MR guided focused ultrasound and Zap technology with chapters authored by well recognized experts in the radiation oncology and neurosurgery communities this book delivers a level of technological and clinical detail not available in journal papers This book is suitable for radiation oncologists neurosurgeons and medical physicists who specialize in brain and or spine radiosurgery or want to start a program and need a comprehensive reference with key checklists for practice

Technologies of Modern Medicine

Ghislaine Lawrence, 1994 Many practices now central to modern medicine first came to prominence in the years after World War Two This book examines three areas of particularly rapid change the development reception and uptake of new machines for clinical use within a medical and industrial context new concerns with defining and measuring the health of populations and the functioning of laboratory research within twentieth century medicine Technologies of Modern Medicine is made up of papers given at a symposium held at the Science Museum in 1993

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