



## OPEN ACCESS

Obstetrics and Gynecology,  
Peking Union Medical College  
Hospital, Beijing, China

### Correspondence to

Dr Lei Li, Peking Union Medical  
College Hospital, Beijing  
100730, China; lileigh@163.  
com

Accepted 23 July 2020



© IGCS and ESGO 2021.  
Re-use permitted under CC BY.  
Published by BMJ.

**To cite:** Li L, Wu M. *Int J  
Gynecol Cancer* 2021;**31**:154.

# Pelvic nerves during radical trachelectomy

Lei Li , Ming Wu

A 24-year-old patient accepted laparoscopic radical trachelectomy for stage IB1 cervical squamous cell carcinoma. During the surgery (Figure 1), after resection of the deep uterine vein (V) and its branches by the right parametrium, the parasympathetic pelvic visceral nerves originating from sacral nerves (in this case, S2 to S4) are evident. long the right ureter (U), sympathetic hypogastric nerves (H) and pelvic visceral nerves are tangled up and constituted an inferior hypogastric plexus (that is, pelvic plexus). We demonstrate a type C1 surgery of Querleu-Morrow classification. Identification of the anatomy is critical for nerve-sparing surgeries.

**Contributors** LL and MW performed the surgery and obtained the consent for publication. LL contributed to drafts and reviewing of the paper. Both authors have approved the final version of the manuscript.

**Funding** This study was funded by Chinese Academy of Medical Sciences Initiative for Innovative Medicine; grand number (CAMS-2017-I2M-1-002).

**Competing interests** None declared.

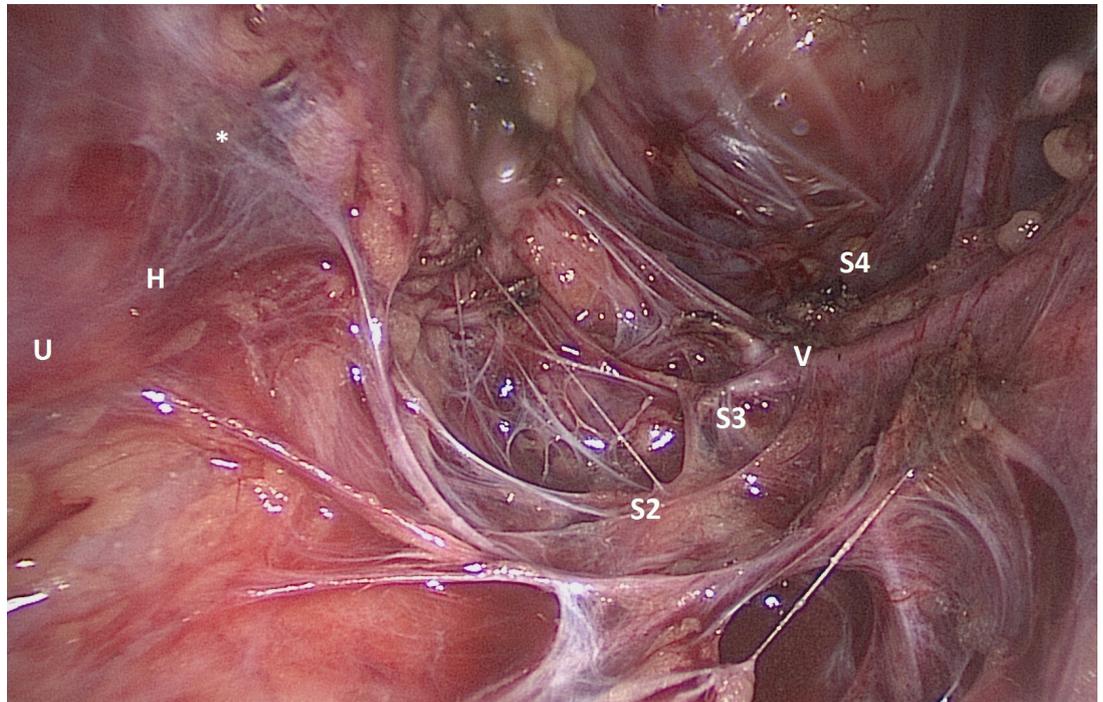
**Patient consent for publication** Not required.

**Provenance and peer review** Commissioned; internally peer reviewed.

**Open access** This is an open access article distributed in accordance with the Creative Commons Attribution 4.0 Unported (CC BY 4.0) license, which permits others to copy, redistribute, remix, transform and build upon this work for any purpose, provided the original work is properly cited, a link to the licence is given, and indication of whether changes were made. See: <https://creativecommons.org/licenses/by/4.0/>.

### ORCID iD

Lei Li <http://orcid.org/0000-0001-8723-3461>



**Figure 1** Right-side pelvic visceral nerves.\*Inferior hypogastric plexus. H, hypogastric nerves; S2 to S4, second to fourth sacral nerves; U, right ureter; V, deep uterine vein.