



Universiteit
Leiden
The Netherlands

Lymphovascular space invasion in endometrial carcinoma

Peters, E.E.M.

Citation

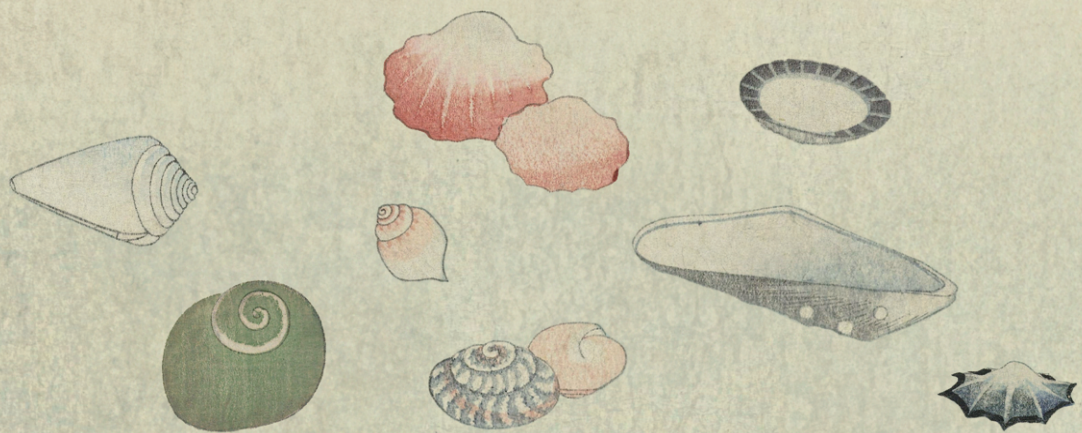
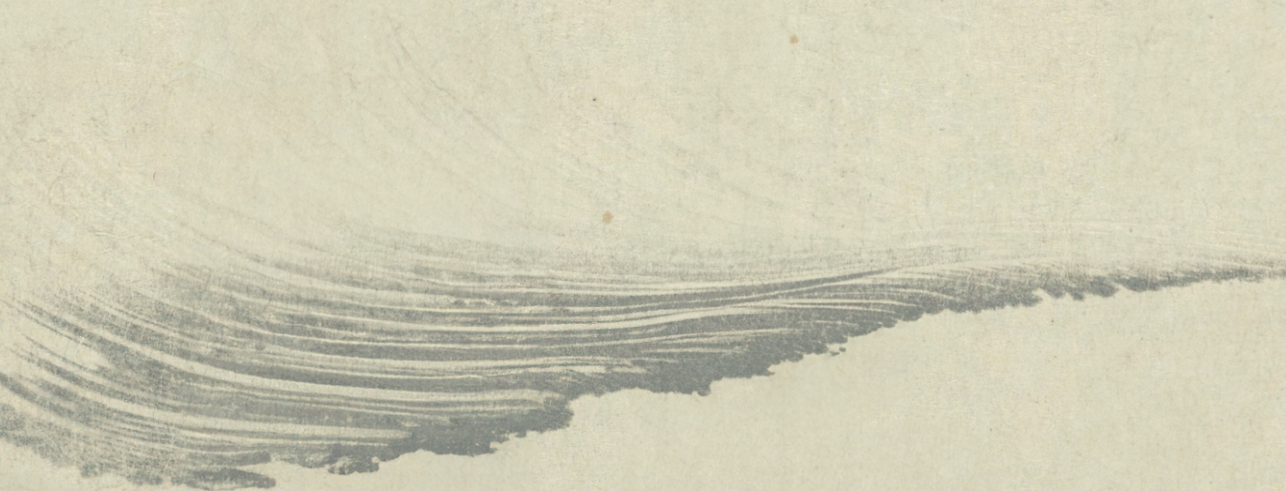
Peters, E. E. M. (2023, October 11). *Lymphovascular space invasion in endometrial carcinoma*. Retrieved from <https://hdl.handle.net/1887/3643441>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3643441>

Note: To cite this publication please use the final published version (if applicable).



Lymphovascular space invasion in endometrial carcinoma

Elke Elizabeth Maria Peters

Lymphovascular space invasion in endometrial carcinoma

Thesis, University of Leiden, Leiden, The Netherlands

ISBN: 978-94-6419-885-0

Cover design: Elke Peters; Marilou Maes – Persoonlijk Proefschrift

Design by: Elke Peters

Printed by: Gildeprint

Copyright Elke Peters, 2023, The Netherlands

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of the author or the copyright-owning journals for previous published chapters.

Lymphovascular space invasion in endometrial carcinoma

Proefschrift

ter verkrijging van

de graad van doctor aan de Universiteit Leiden,

op gezag van rector magnificus prof.dr.ir. H. Bijl,

volgens besluit van het college voor promoties

te verdedigen op woensdag 11 oktober 2023

klokke 15:00 uur

door

Elke Elizabeth Maria Peters

geboren te Ottersum

in 1980

Table of Contents

Chapter 1	General introduction and thesis outline	7
Chapter 2	Expert opinion: practice guideline for assessment of lymphovascular space invasion in endometrial cancer	25
Chapter 3	Substantial lymph-vascular space invasion (LVSI) is a significant risk factor for recurrence in endometrial cancer – a pooled analysis of PORTEC 1 and 2 trials	41
Chapter 4	Prognostic impact of histological review of high-grade endometrial carcinomas in a large Danish cohort	57
Chapter 5	Substantial lymphovascular space invasion is an adverse prognostic factor in high-risk endometrial cancer	71
Chapter 6	Reproducibility of lymphovascular space invasion (LVSI) assessment in endometrial cancer	87
Chapter 7	Defining substantial lymphovascular space Invasion in endometrial cancer	105
Chapter 8	Gene-expression analysis of mismatch repair deficient endometrial cancers with lymphovascular space invasion.	119
Chapter 9	General discussion and future perspectives	137
Appendices	Nederlandse samenvatting	151
	List of publications	
	Curriculum vitae	