

**INFORMATION FOR  
SURGEONS  
INTERESTED IN  
ORGAN  
PROCUREMENT**

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# Training module

## Retrieval surgery in organ donation



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## Training module

The training module 'retrieval surgery in organ donation' has been developed by the Dutch Transplant Foundation (NTS) in collaboration with the supervisors of the five Dutch organ explant teams and with the financial support of the Ministry of Health, Welfare and Sport. If you are interested in organ procurement and you wish to qualify as an explant surgeon, then this training module is compulsory. The training module will allow you to acquire knowledge and skills in the surgical aspects of explantation and preservation of abdominal organs during post-mortem organ donation.

### Contents

#### 1) *Digital E-learning module retrieval surgery in organ donation*

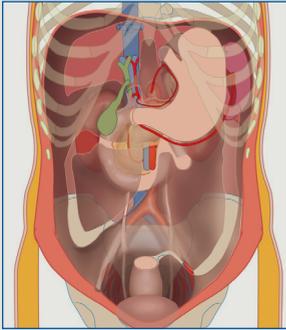
#### **The total training consists of three elements**

The training starts with the completion of the E-learning module retrieval surgery in organ donation. This module can be accessed via the digital competence portfolio, developed by Vrest Medical. The contents of the E-learning module consist of a mix of theory, video fragments and interactive exercises in the field of donor criteria, donor management, explant surgery and organ preservation.

As soon as you have completed the E-learning module, you can continue to the 'master class surgical aspects of organ procurement' and the 'training-on-the-job' section.

#### 2) *The master class surgical aspects of organ procurement*

The master class 'surgical aspects of organ procurement' is organised once a year in collaboration with the Leiden University Medical Centre. This master class focuses on the theory of donor management, removal and preservation of the abdominal organs. The retrieval procedure for each organ is discussed, with all the possible variants per organ. An extensive overview is provided of a multi-organ donor (MOD) procurement procedure. The techniques and preservation methods will be discussed in relation to the prevention of organ damage and



### 3) *Training-on-the-job* – *explant procedures*

the non-heartbeating multi-organ donation protocol will be discussed. This theoretical section will be followed by a practical part in which you will perform organ procurement on specially prepared human cadavers under the guidance of an experienced transplantation surgeon.

You must participate in the master class at least once during the training. You must also have completed the E-learning module prior to the master class. However, after completing the E-learning section, you do not have to wait for the master class before you can continue with part 3, 'training-on-the-job'. The date for the master class will be announced on the website of the Dutch Transplant Foundation. You must register separately for participation in the master class via [www.transplantatiestichting.nl](http://www.transplantatiestichting.nl). There are costs associated with participation.

Once you have completed the E-learning module, you can start with the training-on-the-job. This means that you will perform at least ten organ procurement procedures as first operator under the guidance of a supervising explant surgeon. During these procedures you must remove a kidney at least ten times, a liver at least ten times and a pancreas at least six times. These procedures are then documented in the digital competence portfolio that has been created for you. The supervisor will evaluate the procedures in your portfolio. Once the supervisor has established that you have successfully completed the training, your status in the digital competence portfolio will be changed to 'EPA ready'. You will then perform the eleventh organ procurement procedure in the presence of an examining supervisor from a different regional explant team. During this MOD procedure, at least a kidney, liver and pancreas must be removed for transplantation purposes. The examining supervisor will evaluate your skills per organ on the OSATS form. The main requirement is that you must have a minimum level of knowledge and skills to be able to work adequately without supervision.

### Duration and study load

The duration of the training depends on the number of organ donation procedures in which you can act as first operator. As a general rule, this will take approximately two years. The study load is approximately as follows:

COMPONENT	# OF HOURS
1 <i>E-learning module</i>	3
2 <i>Master class</i>	9.5
3a <i>Training-on-the-job</i>	44
3b <i>Recording of digital competence portfolio</i>	5
<b>TOTAL NUMBER OF HOURS</b>	<b>61,5 HOURS</b>

## Enrolment

If you are a surgeon within The Netherlands and interested in starting the training module 'retrieval surgery in organ donation', please contact the supervisor for your region. Once you have his or her permission, you can send an e-mail to [reguitname@transplantatiestichting.nl](mailto:reguitname@transplantatiestichting.nl) with the subject 'enrolment' and stating the following information: initials, prefix, surname, gender, BIG number, specialism and clinic. The NTS will contact your supervisor to confirm your participation. You will then be registered for the training.

## Accreditation

The training module 'retrieval surgery in organ donation' has been accredited for 24 points by the Dutch Association for Surgery (NVvH).

## Registration

After registration, you will receive an automatically generated e-mail from Vrest Medical containing your log-in details for your digital competence portfolio. Manuals for the registration of procedures and the accessing of the E-learning module have been included in the digital competence portfolio.

## Number of procedures

If you have already performed organ procurement procedures under supervision prior to registration for the training, you can consult with your supervisor about having these procedures recorded retrospectively in the digital skills portfolio.

If you think that you are eligible for adjustment of the number of procedures, please discuss this with your supervisor. Your supervisor must send altered agreements to the NTS via an e-mail to [reguitname@transplantatiestichting.nl](mailto:reguitname@transplantatiestichting.nl) under the subject 'criteria for explant procedures'.

## Questions

If you have any questions about the contents, procedures or technical aspects, please contact one of the policy officers of the Donor Recruitment Division (NTS).



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