

2nd FertiTOX study meeting, 13 & 19 June 2024

FertiTOX
Fertility after gonadotoxic treatments 



- *Welcome*
- *General information*
- *Systematic reviews / meta-analyses*
- *Registry overview*
- *General Questions → registry*
- *Individual country specific information / perspectives*
- *Next steps: Steering committee,*
- *Next meetings*
- *Questions / Remarks*

Welcome

- **Deutsche Krebshilfe (*German Cancer Aid*)**
- **Currently we have two different email groups:**
 - *from REDCap users*
 - *from Germany (incl. additional centres, secretaries etc...)*
 - *leads to doubling of e-mails*

Sponsors

The support by the „Deutsche Krebshilfe“ was granted!

Thank you all for your support!



Total of 858.000,- for 2023 – 2028

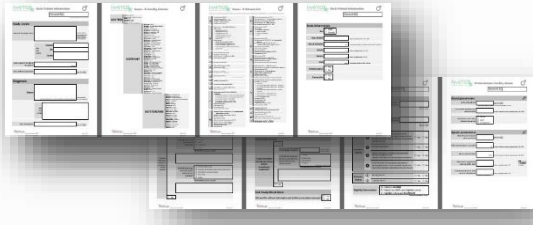
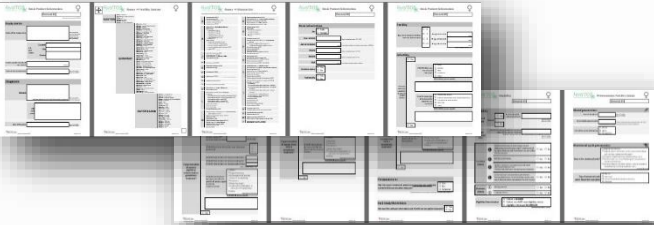
*Please make sure to always add the information / logos of
Swiss cancer league and Deutsche Krebshilfe in presentations & publications*

Compact version – PREtreatment forms



To be downloaded from the website:
Menu → Study protocol

ICD-10



2 pages instead of 10



2 pages instead of 8

Female form page 1: Anamnese vor der Behandlung (Anamnesis before treatment). Includes fields for Patient ID, gender, date of birth, and a 'Diagnose' section with checkboxes for various conditions like endometriosis, adenomyosis, and fibroids. It also includes a 'Menstrationszyklus' (menstrual cycle) section.

Female form page 2: Anamnese vor der Behandlung (Anamnesis before treatment). Includes sections for 'Erbkrankungen' (genetic diseases), 'Medikation' (medication), and 'Blutwerte' (blood tests). It also has a 'Parameter des Menstrationszyklus' section.

FertiTOX Annex -> Disease List. A detailed list of medical conditions categorized by ICD-10 codes, organized into columns A through W. The list includes various types of cancers, endocrine disorders, and other medical conditions.

Male form page 1: Anamnese vor der Behandlung (Anamnesis before treatment). Includes fields for Patient ID, gender, date of birth, and a 'Diagnose' section with checkboxes for various conditions like testicular cancer, prostate cancer, and thyroid cancer.

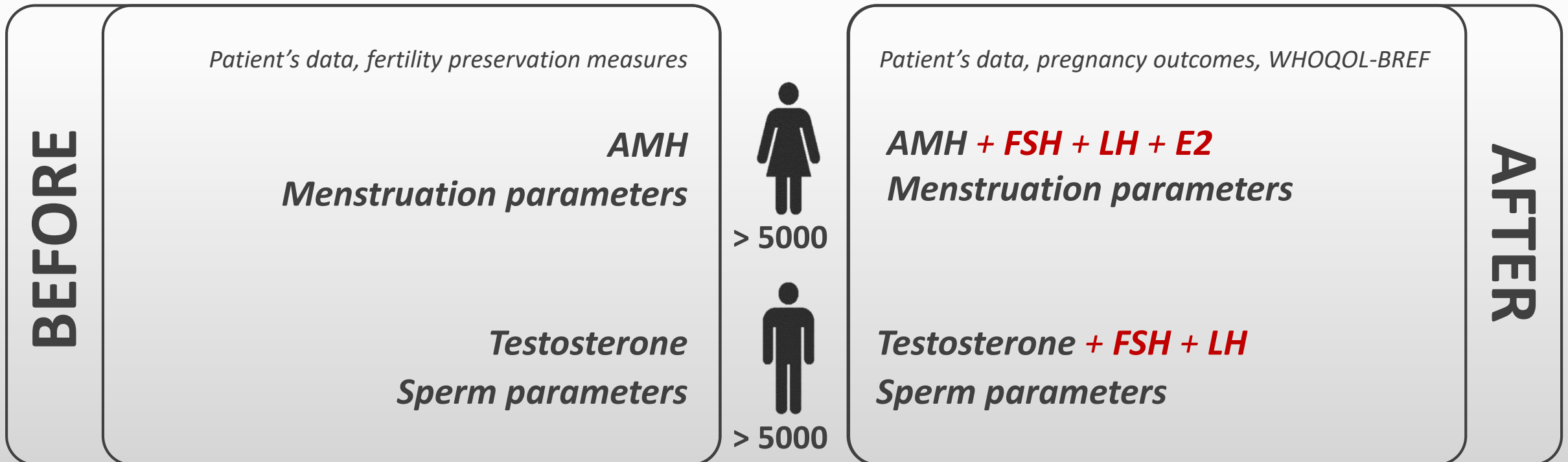
Male form page 2: Anamnese vor der Behandlung (Anamnesis before treatment). Includes sections for 'Spermien' (sperm), 'Hormonwerte' (hormone levels), and 'Blutwerte' (blood tests). It also has a 'Parameter des Menstrationszyklus' section.

Our prospective registry analysis

To be included:

- Patients with **cancer or benign reasons** undergoing **chemotherapy and/or radiotherapy of the pelvis/testicles and/or immunotherapy**
- Age: **14-50** in Austria & Switzerland, and **18-50** in Germany

GONADOTOXICITY



- Keeping these goals in mind, let's have a look at the REDCap entries.
- Please keep in mind – *not all centres are already involved within Germany*
→ we are still awaiting ethical permission in some
- Not all patients have been added to the REDCap registry
→ *including Heidelberg*

10 Systematic Reviews and Meta Analyses

- Bone cancer
- Soft tissue sarcoma
- Testicular cancer
- Bone marrow transplantation
- Cerebral cancer
- Colorectal cancer
- Breast cancer
- Hodgkin's lymphoma
- Leukaemia
- Non-Hodgkin's lymphoma

Paper published and uploaded

Paper accepted and abstract uploaded

Paper submitted and abstract uploaded

Paper submitted and abstract uploaded

Paper submitted and abstract uploaded

Abstract uploaded

Abstract summer 2024

Abstract end of 2024

Abstract end of 2024, Charité, Berlin

Abstract end of 2024, Fribourg

Published papers

> JMIR Res Protoc. 2024 Mar 20;13:e51145. doi: 10.2196/51145.

Evaluation of the Gonadotoxicity of Cancer Therapies to Improve Counseling of Patients About Fertility and Fertility Preservation Measures: Protocol for a Retrospective Systematic Data Analysis and a Prospective Cohort Study

Michael von Wolff ¹, Ariane Germeyer ², Bettina Böttcher ³, Isotta Martha Magaton ¹, Irene Marcu ¹, Janna Pape ¹, Nicole Sängler ⁴, Verena Nordhoff ⁵, Marie Roumet ⁶, Susanna Weidlinger ¹

Affiliations

Affiliations

- 1 Division of Gynaecological Endocrinology and Reproductive Medicine, University Women's Hospital, Bern, Switzerland.
- 2 Department of Gynaecological Endocrinology and Fertility Disorders, University Women's Hospital, Heidelberg, Germany.
- 3 Department of Gynaecological Endocrinology and Reproductive Medicine, Medical University of Innsbruck, Innsbruck, Austria.
- 4 Department of Gynaecological Endocrinology and Reproductive Medicine, University Women's Hospital, Bonn, Germany.
- 5 Centre of Reproductive Medicine and Andrology, Department of Clinical and Surgical Andrology, University of Münster, Münster, Germany.
- 6 Clinical Trial Unit, University of Bern, Bern, Switzerland.

PMID: 38506900 PMCID: [PMC10993117](#) DOI: [10.2196/51145](#)

Review > J Adolesc Young Adult Oncol. 2024 Apr 17. doi: 10.1089/jayao.2023.0185.

Online ahead of print.

A Systematic Review of the Gonadotoxicity of Osteosarcoma and Ewing's Sarcoma Chemotherapies in Postpubertal Females and Males

Susanna Weidlinger ¹, Satu Graber ¹, Irina Bratschi ¹, Janna Pape ¹, Attila Kollár ², Tanya Karrer ³, Michael von Wolff ¹

Affiliations

Affiliations

- 1 Division of Gynecological Endocrinology and Reproductive Medicine, University Women's Hospital, Inselspital Bern, University of Bern, Bern, Switzerland.
- 2 Department of Medical Oncology, Inselspital Bern, University of Bern, Bern, Switzerland.
- 3 Medical Library, University Library Bern, University of Bern, Bern, Switzerland.

PMID: 38629685 DOI: [10.1089/jayao.2023.0185](#)

Contributing centres and those who have submitted an Ethics application

Germany: 28 centres

- Berlin, *Fertility centre*
- Berlin, *an der Gedächtniskirche*
- Berlin, *Charité*
- Bonn, *Uni*
- Bremen: *in preparation*
- Dresden, *Uni*
- Erlangen: *in preparation*
- Freiburg, *Uni*
- Giessen & Marburg, *Uni: in preparation*
- Hamburg, *amedes expertes*
- Hannover, *Uni*
- Heidelberg, *Uni*
- Hildesheim, *Fertility centre*
- Homburg, *Uni*
- Karlsruhe, *Klinikum*
- Kiel, *Uni*
- Köln: *submitted*
- Leipzig, *Uni*
- Lübeck, *Uni: in preparation*
- Mainz, *Uni*
- München, *TUM, Uni: in preparation*
- München, *LMU, Uni: submitted*
- Münster, *Uni*
- Oldenburg, *Uni*
- Regensburg, *Profertilita*
- Tübingen, *Uni*
- Ulm, *Uni*
- Wiesbaden, *TFP*



Switzerland: 21 centres

- 21/22 centres of the Swiss network **FertiSAVE**

Austria: 5 centres

- Innsbruck, *Uni*
- Graz, *Uni*
- Linz, *Uni: submitted*
- Salzburg, *Uni: submitted*
- Wien, *Uni & St. Anna Kinderspital*

Study is registered and Ethical votes are documented at:

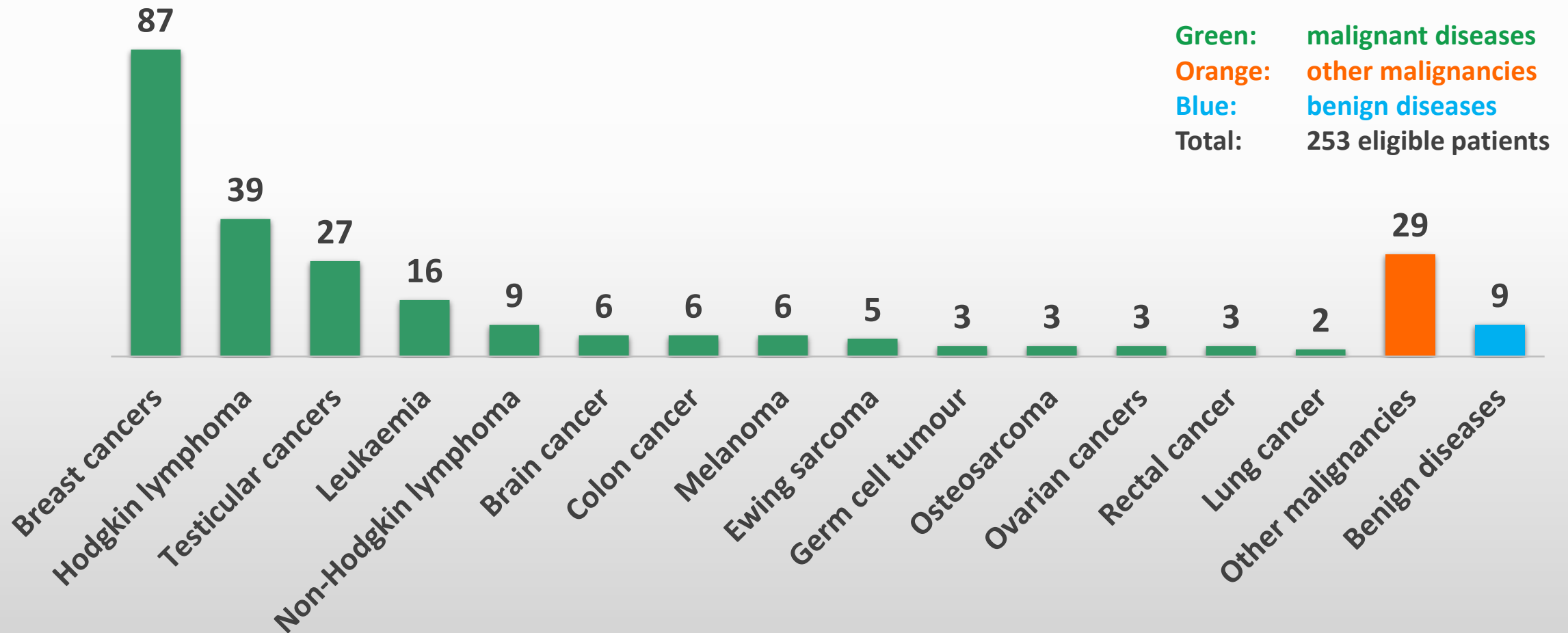
→ [ClinicalTrials.gov](https://clinicaltrials.gov/ct2/show/study/NCT05885048) [NCT05885048](https://clinicaltrials.gov/ct2/show/study/NCT05885048).

Realistic goal for 2024

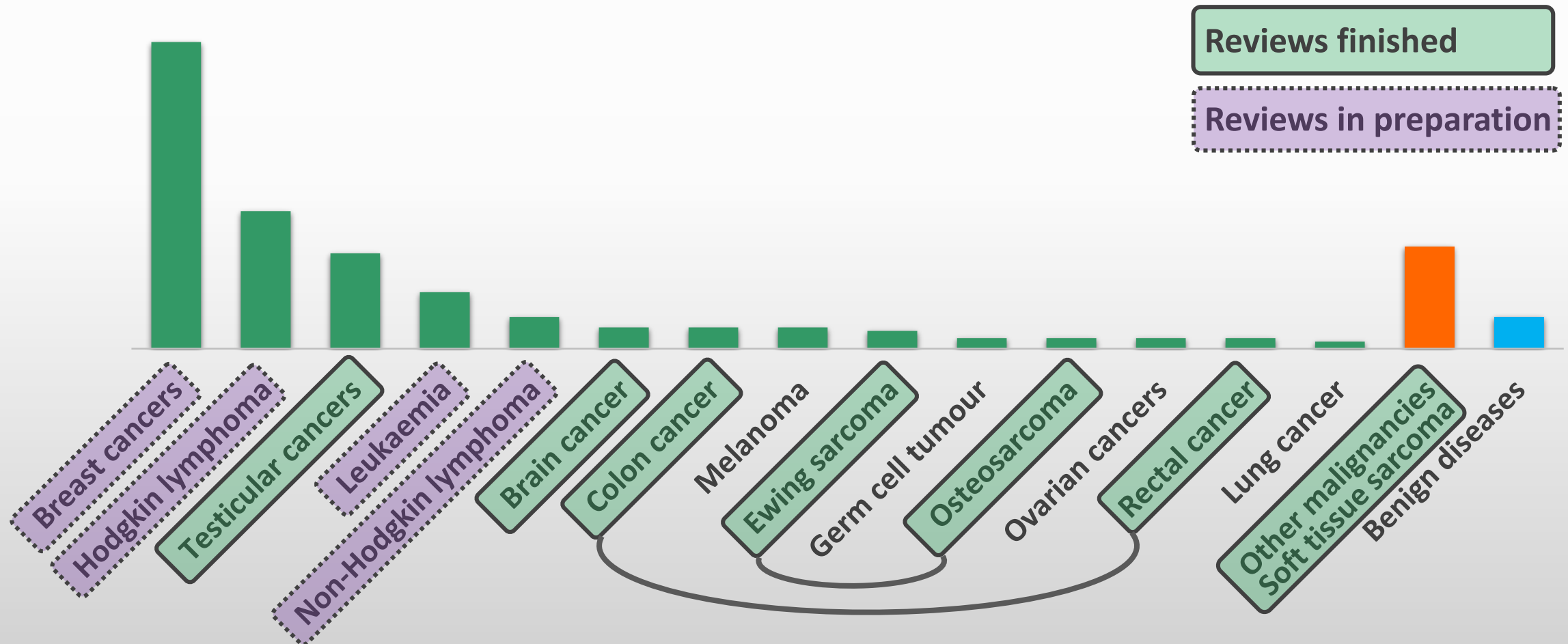
**1000 eligible participants,
recruited by 50 centres**

Analysis of the first data – total data by disease

Spectrum of diseases included in the registry so far

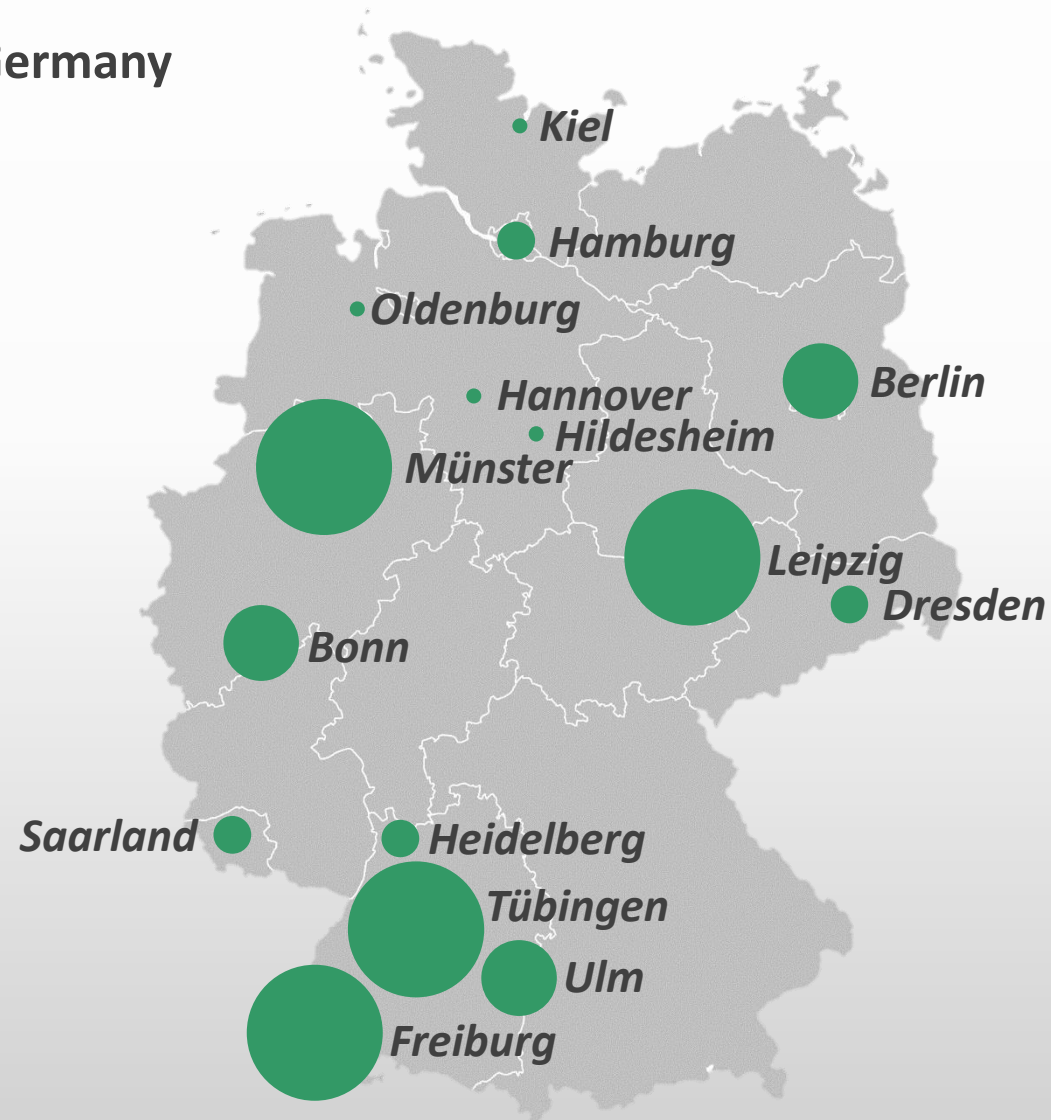
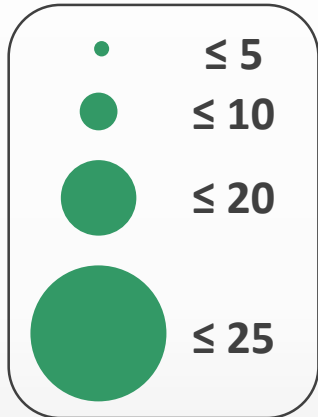


Systematic reviews Meta-analyses



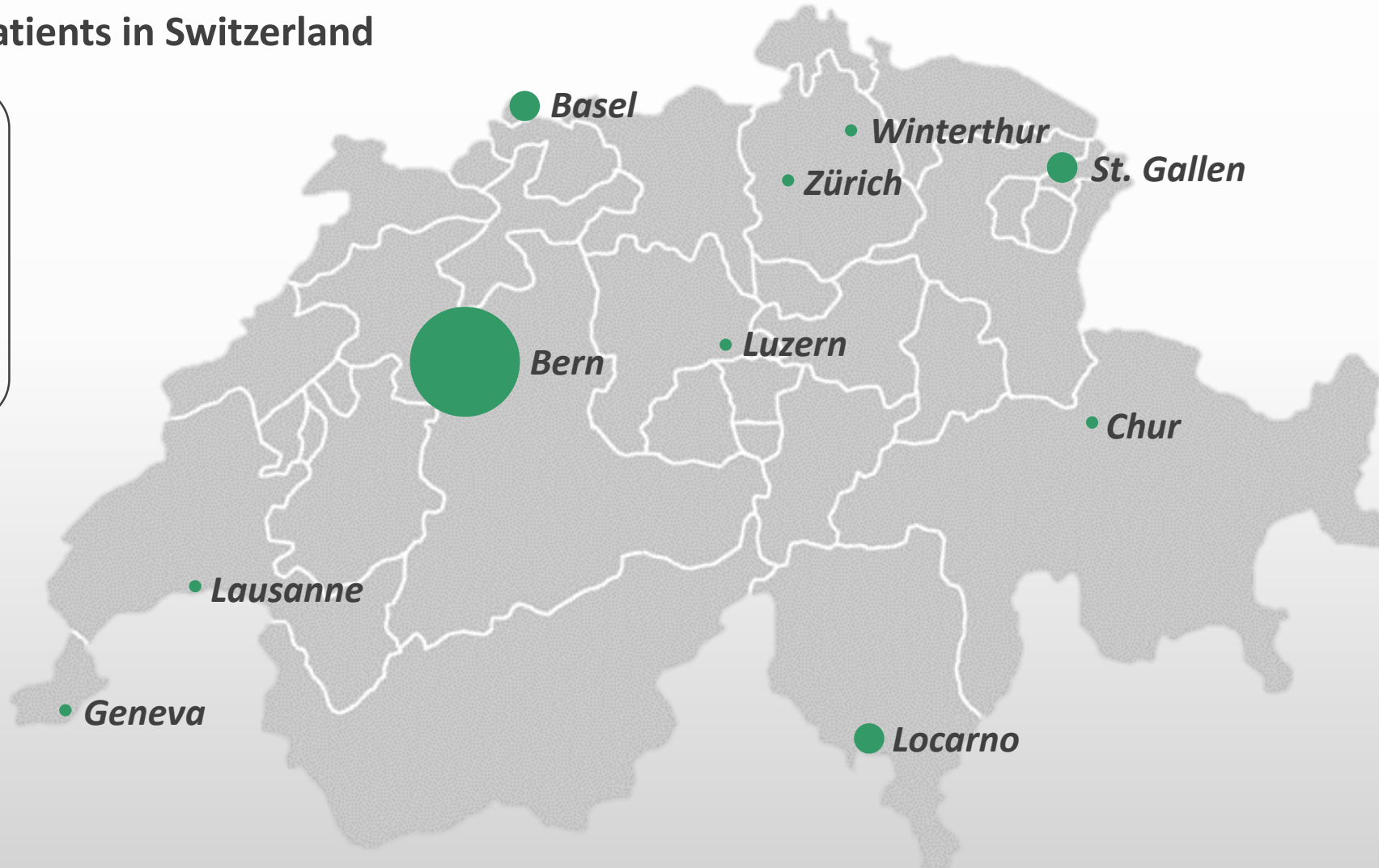
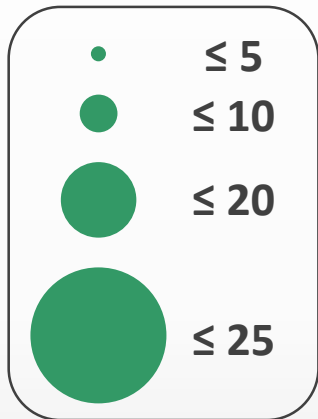
Analysis of the first data – German centres

179 eligible patients in Germany



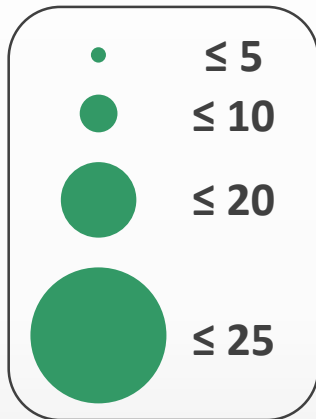
Analysis of the first data – Swiss centres

65 eligible patients in Switzerland



Analysis of the first data – Austrian centres

9 eligible patients in Austria



Germany – specific comments

- *Who does still need **support with the ethical vote** can write Ariane Germeyer*
- *The charges for the ethical votes within Germany **can be reimbursed** end of the year (by Ariane Germeyer), when we start getting the grant money from the „Deutsche Krebshilfe“*
- *Please keep in mind to always **add the logo** in any presentations or publication etc.*
- *We can **support your documentation** when we have the position filled with staff*
- *Questions*

Switzerland – specific comments

- *In case the data documentation is too time consuming, **you can use the paper version**, uploaded on the website and send it to Irene Marcu.*
- *Does anybody prefer to have a **specific Swiss meeting**?*
- *Is there any chance to **speed up the documentation**?*

Austria – specific comments

- *In case the data documentation is too time consuming, **you can use the paper version**, uploaded on the website and send it to Irene Marcu.*

General information regarding the documentation

- ***Sperm collection** → please document the number of ejaculated provided by the patient (not the number of straws frozen).*
- *Always remember to draw a blood sample (**AMH, testosterone**) and note the date (**menstruation date**) of the time of collection.*

Next steps – Steering committee

We need a steering committee:

- *the role of the steering committee is to organise the prospective study;*
- *this committee will meet every 3-6 months;*
- *each meeting is documented by a protocol, which will be uploaded to the website (without politically information).*

We suggest to include, based on the published study protocol, the following members:

- ✓ *the coordinator*
- ✓ *the representatives of each country*
- ✓ *the 2 postdocs*
- ✓ *the president of FertiPROTEKT*

→ **Total = 6 people.** The website would be adapted accordingly.

Participation in the committee will change according to the requirements. It is not fixed forever. If it comes to data analysis etc., it might change.

Next steps – Other meetings

We suggest:

- Zoom registry meetings every **3 months**
→ *for technical questions*
- Zoom meeting with all participants **every 6 months**
→ *for presentation of the status quo and general discussions*

All meetings are scheduled twice in 2 different weeks:

- *one around 15:00 (Wednesday)*
- *one around 18:00 (Thursday)*

Next meetings

① FertiTOX registry, Autumn

03.09.2024, 17:00

11.09.2024, 18:00

② FertiTOX registry, Winter

27.11.2024, 17:00

03.12.2024, 18:00

FertiTOX → Main Assembly

16.01.2025, 18:00

29.01.2025, 15:00

Questions, remarks?



Switzerland

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Germany

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Austria

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