PROCARE

PROJECT ON CANCER OF THE RECTUM

PROCARE, PROject on CAncer of the REctum

Tamara Vandendael, on behalf of PROCARE

BWGE 2011

Belgian Cancer Registry

www.kankerregister.org | www.registreducancer.org

PROCARE, PROject on CAncer of the REctum

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Introduction

- **PROCARE** = **PRO**ject on **CA**ncer of the **RE**ctum
  → Multidisciplinary Belgian Project
  → Launched in 2003 → continues (at least) until summer 2012

- **Objective: Improve outcome in patients with rectal cancer by reducing diagnostic and therapeutic variability**

- ! Basis of PROCARE = prospective (online) registration
- ! Continuous program on quality of care assessment

Description

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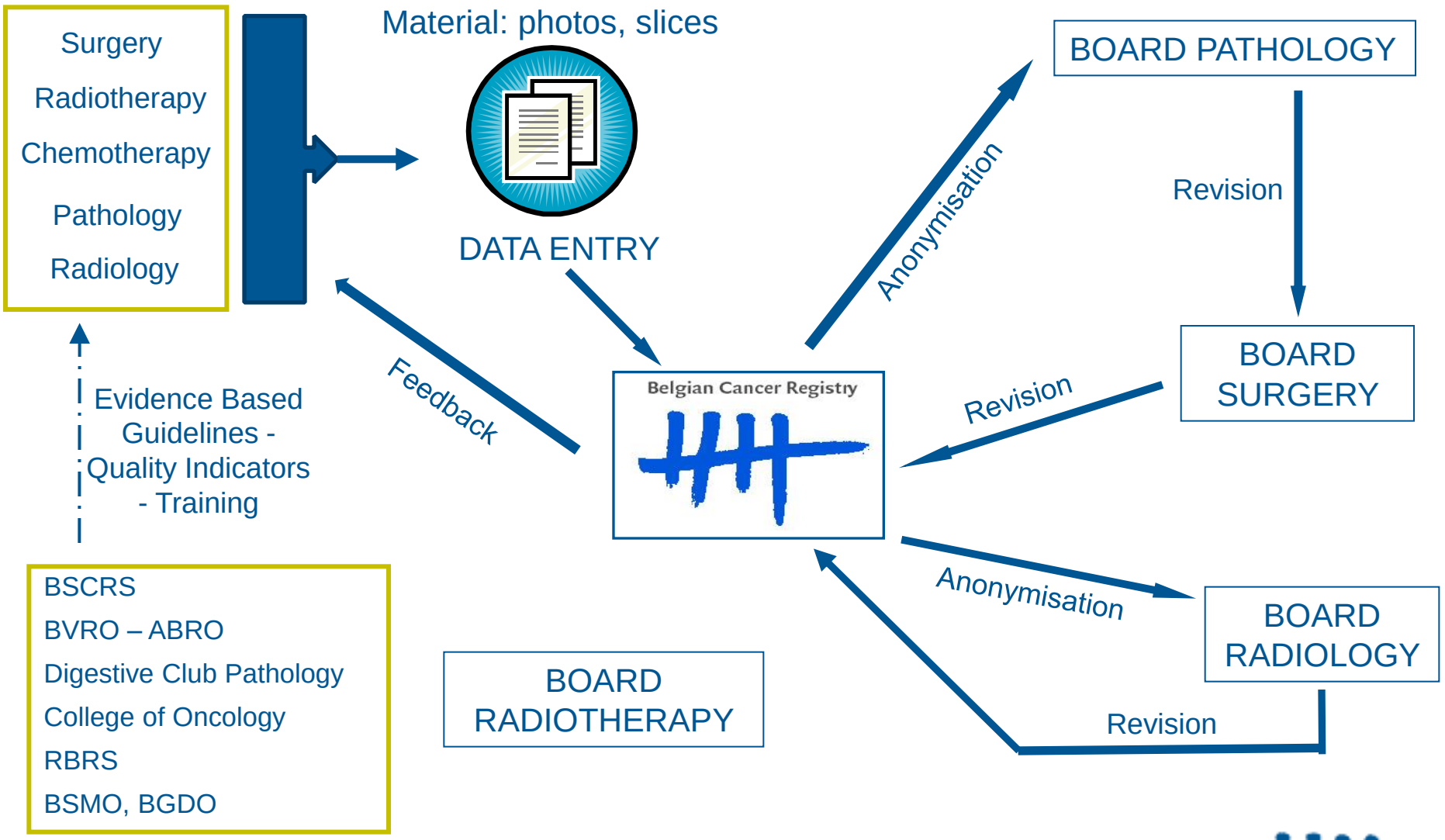
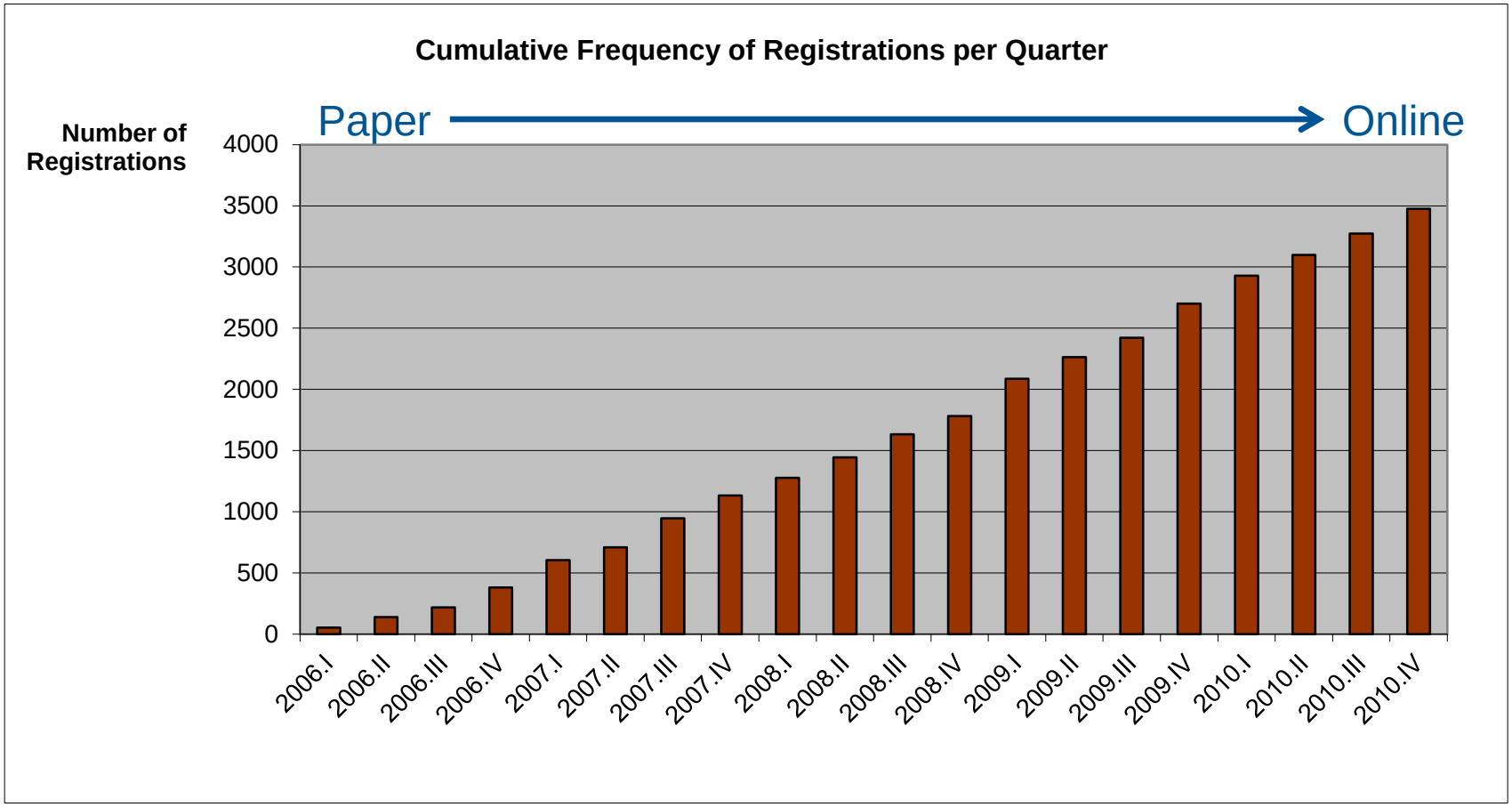
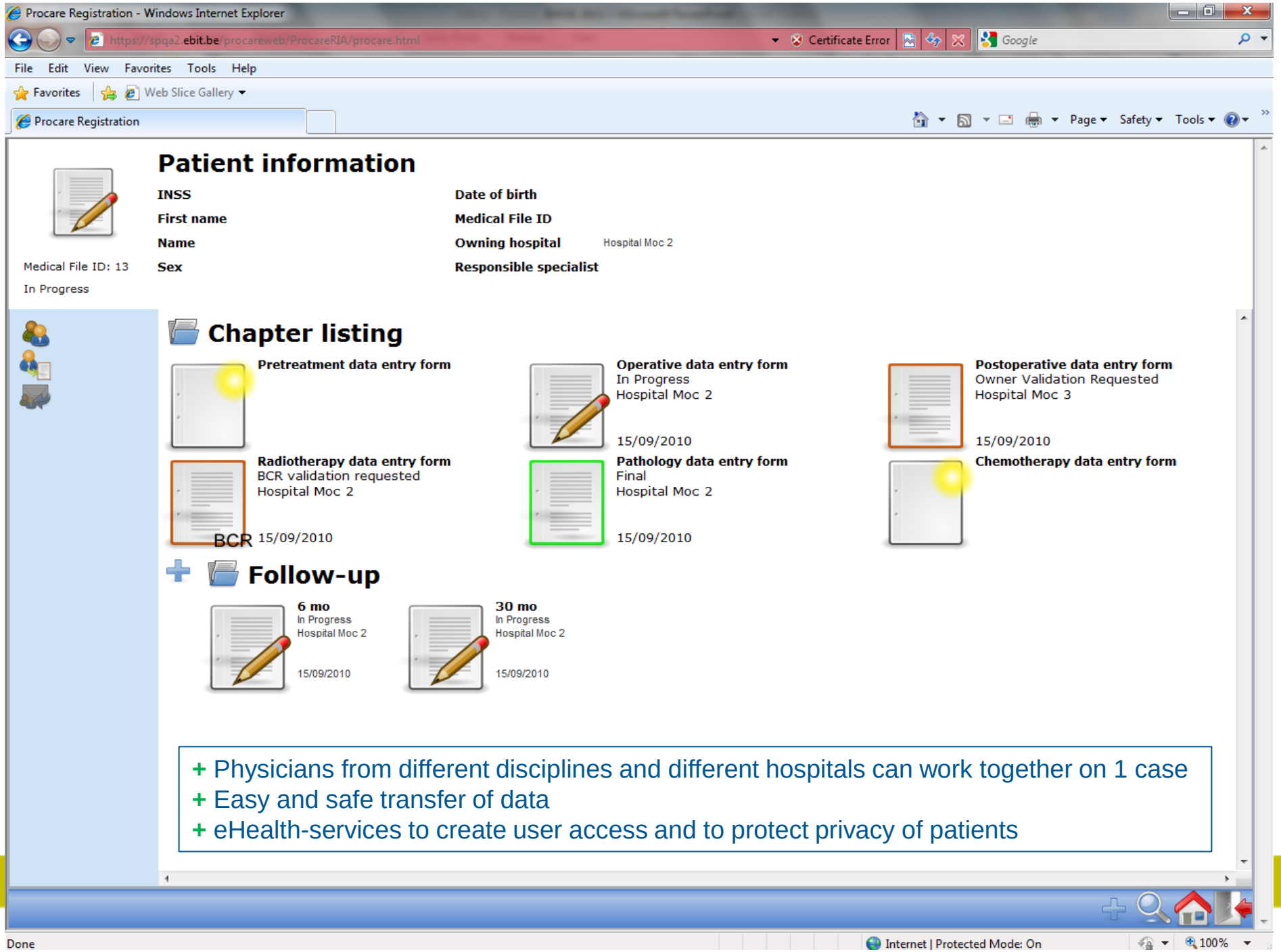
PROJECT ON CANCER OF THE RECTUM



I. PROCARE data entry

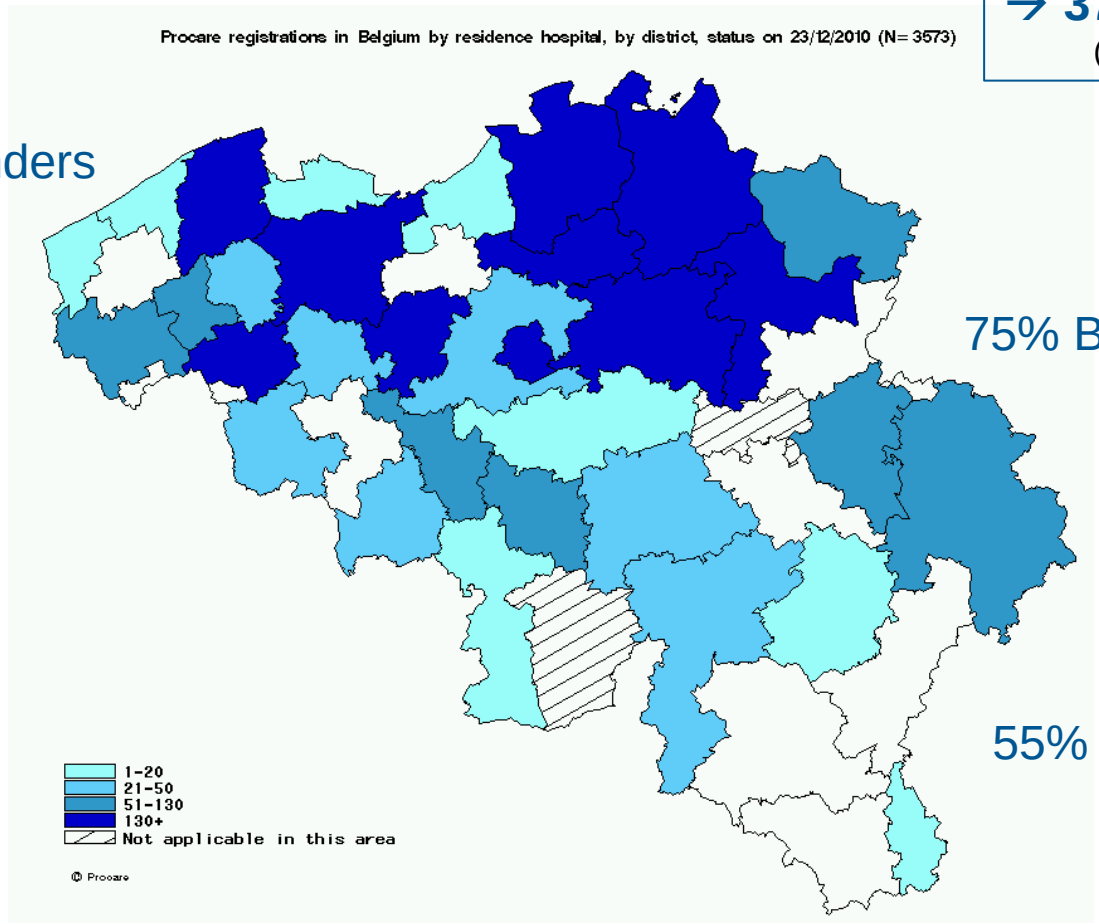



Procare Registration - Windows Internet Explorer
https://spqa2.ebit.be/procareweb/ProcareRIA/procare.html
Certificate Error
Google
File Edit View Favorites Tools Help
Favorites
Web Slice Gallery
Procare Registration
Page Safety Tools
Patient information
INSS
First name
Name
Sex
Date of birth
Medical File ID
Owning hospital
Hospital Moc 2
Responsible specialist
Medical File ID: 13
In Progress
Chapter listing
Pretreatment data entry form
Operative data entry form
In Progress
Hospital Moc 2
15/09/2010
Postoperative data entry form
Owner Validation Requested
Hospital Moc 3
15/09/2010
Radiotherapy data entry form
BCR validation requested
Hospital Moc 2
BCR
15/09/2010
Pathology data entry form
Final
Hospital Moc 2
15/09/2010
Chemotherapy data entry form
Follow-up
6 mo
In Progress
Hospital Moc 2
15/09/2010
30 mo
In Progress
Hospital Moc 2
15/09/2010
+ Physicians from different disciplines and different hospitals can work together on 1 case
+ Easy and safe transfer of data
+ eHealth-services to create user access and to protect privacy of patients
Done
Internet | Protected Mode: On
100%

I. PROCARE data entry

84/111 (76%) hospitals
→ 3736 registrations
(status on 31/01/2011)

89% Flanders



75% Brussels

55% Wallonia

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II. Feedback

- Descriptive information, information on missing data and quality of care indicators
- Feedback report & definitions, graphs, survival curves

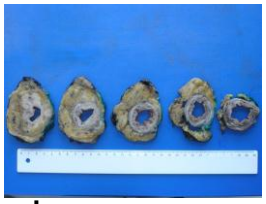
- Validation + analysis of patient data
- Once a year

- Teams with > 10 registrations: **personal** feedback
- **General** feedback results on *www.kankerregister.org*

III. TME-evaluation program (1)

- What? Anonymous quality assessment of resected TME-specimens, pathological and surgical data

- How? 1) The ***BCR*** selects + collects the anonymous material
  - Photos of the **fresh** specimen before inking (!)
  - Photos of macro sections
  - Micro slices
  - Pathology Protocol
  - PROCARE pathology checklist



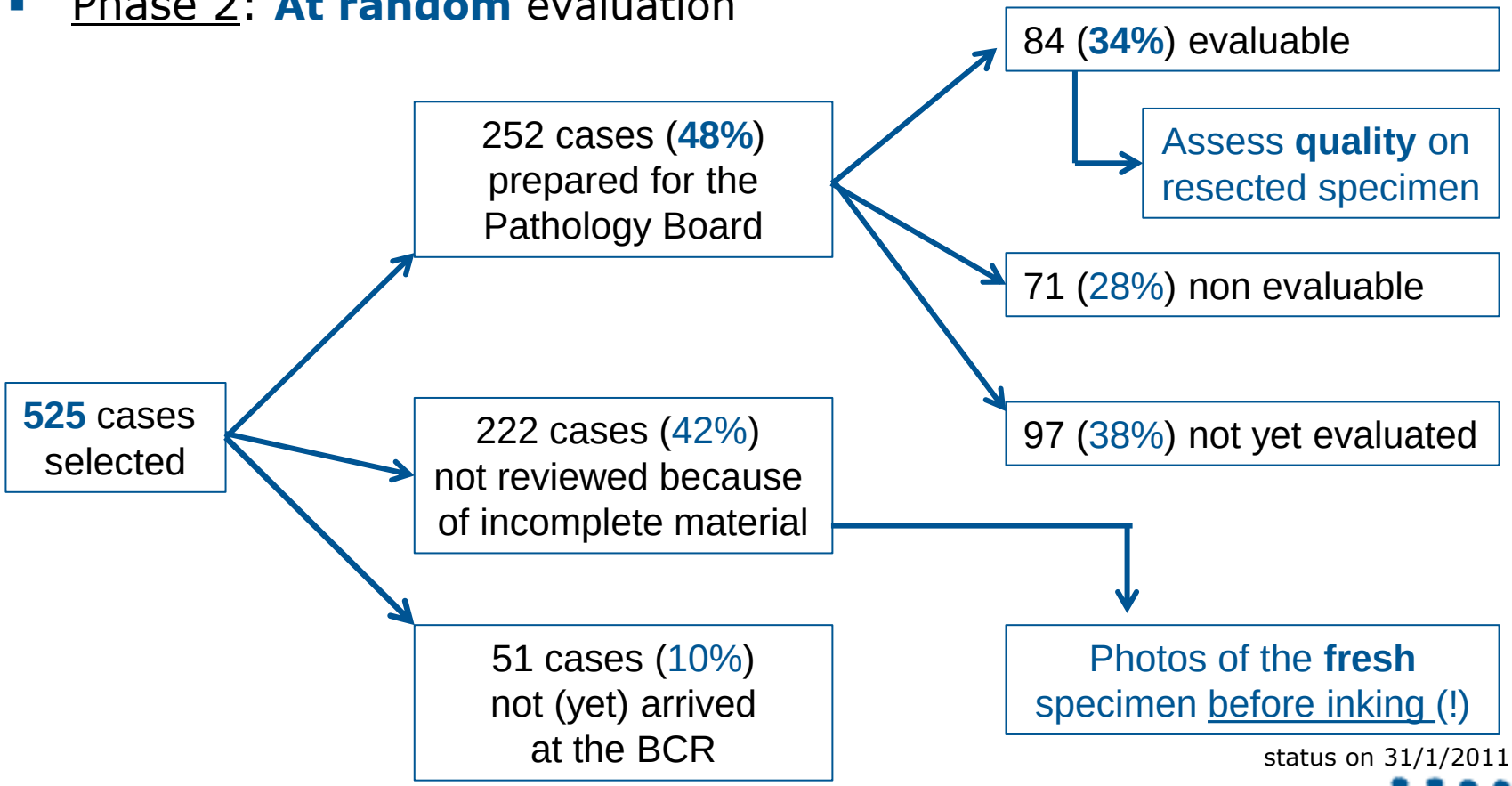
2) The ***Pathology Board*** assesses the quality of the resected specimen on evaluable cases

3) The ***Surgery Board*** performs a final decision on the quality of the resected specimen and on adherence to guidelines

- Outcome of the review? Personal feedback on surgical and pathological aspects

III. TME-evaluation program (2)

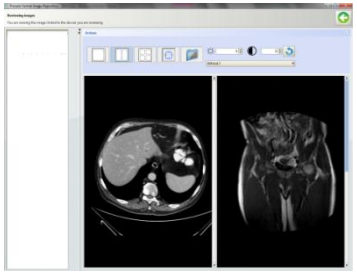
- Phase 1: Candidate trainers → **25 TME-trainers** → TME-teachings
- Phase 2: **At random** evaluation

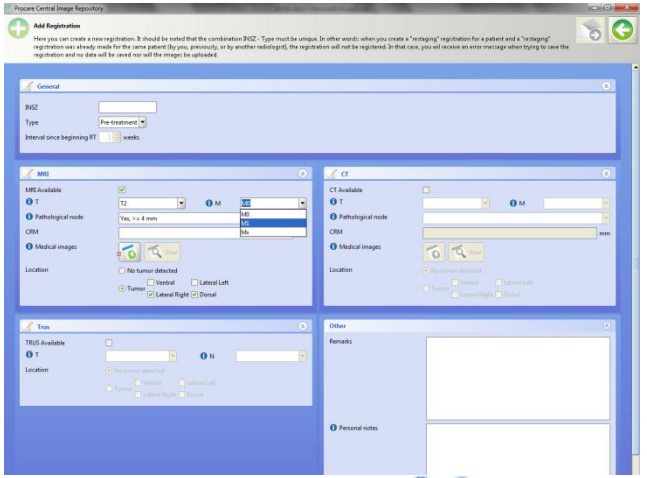


status on 31/1/2011

IV. PROCARE RX

- What? Online **radiology** reviewing platform
- How?
  - Ask for 2nd opinion on cTN and clinical Circumferential Resection Margin (cCRM), based on CT- and/or MRI-images of the pelvis
  - Expert radiologists review **anonymously and at random**
    → if discordance: second and final review
- **Review with anonymity of patient, radiologist, hospital and reviewer**
- Status: only 18 cases (!) (status 31/01/2011)
  → participation should be encouraged





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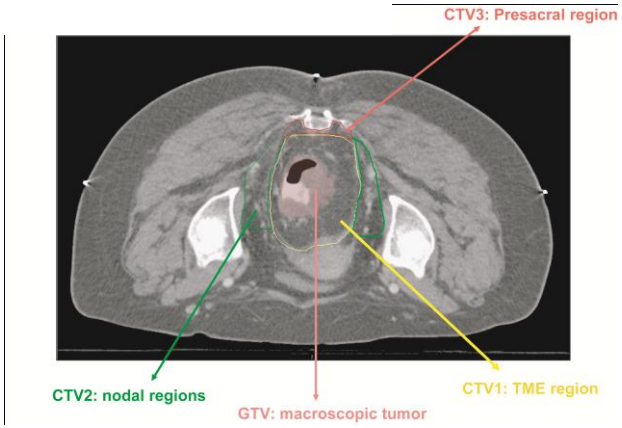
V. PROCARE RT

- What? Online **radiotherapy** reviewing platform (Aquilab)
- Aim? Central review to homogenize the **Clinical Target Volume** (CTV) and **organs-at-risk delineation** of neoadjuvant irradiation
- Status: 18 hospitals participate, >300 cases reviewed



Conclusion

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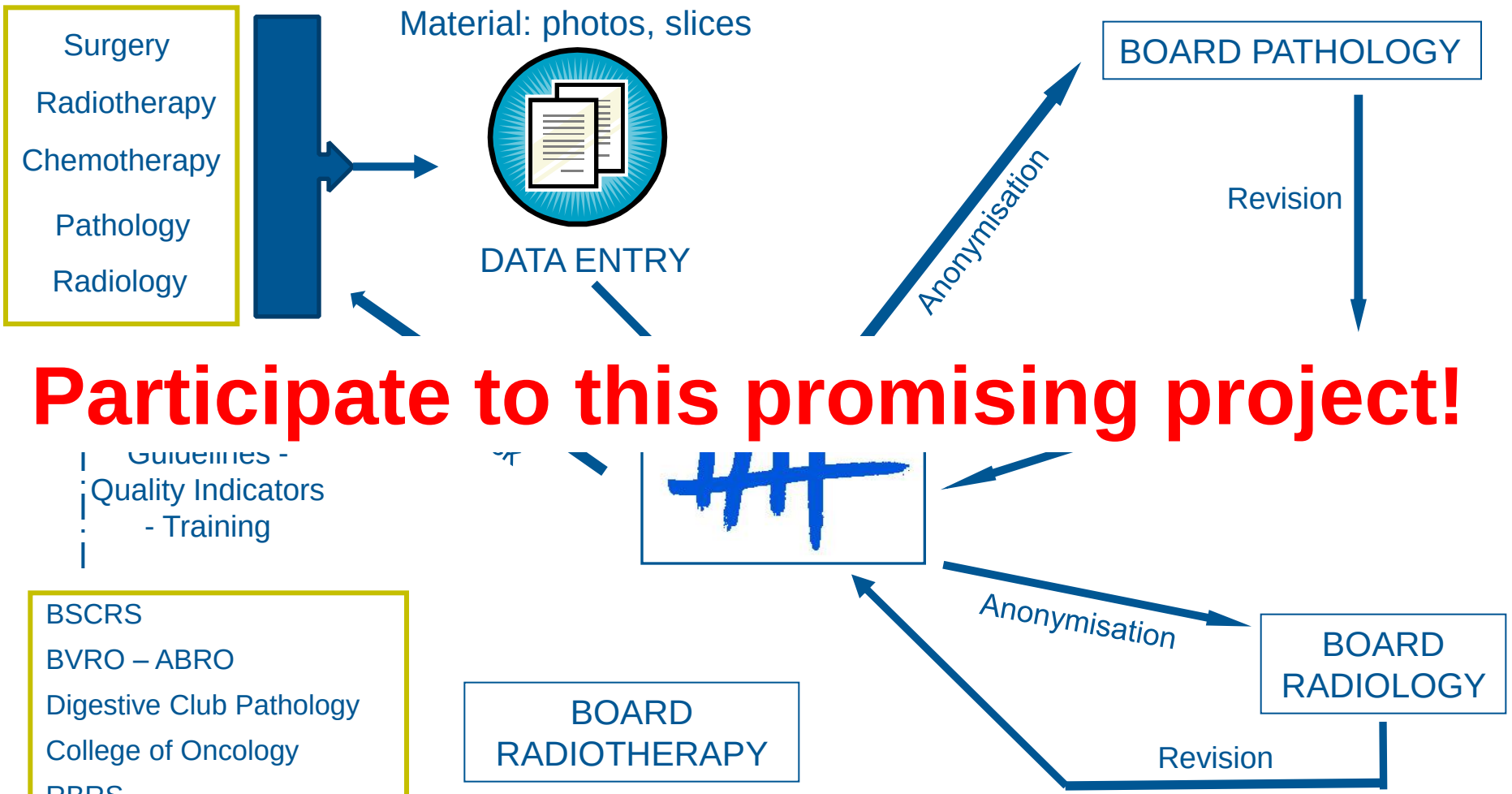

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On behalf of

PROCARE - Belgian Cancer Registry

Koningsstraat / Rue Royale 215
1210 Brussel / Bruxelles
Tel. 02 / 250 . 10 . 17
Fax. 02 / 250 . 10 . 11
www.kankerregister.org - www.registreducancer.org
tamara.vandendael@kankerregister.org

Belgian Cancer Registry