ESTS INSTITUTIONAL ACCREDITATION

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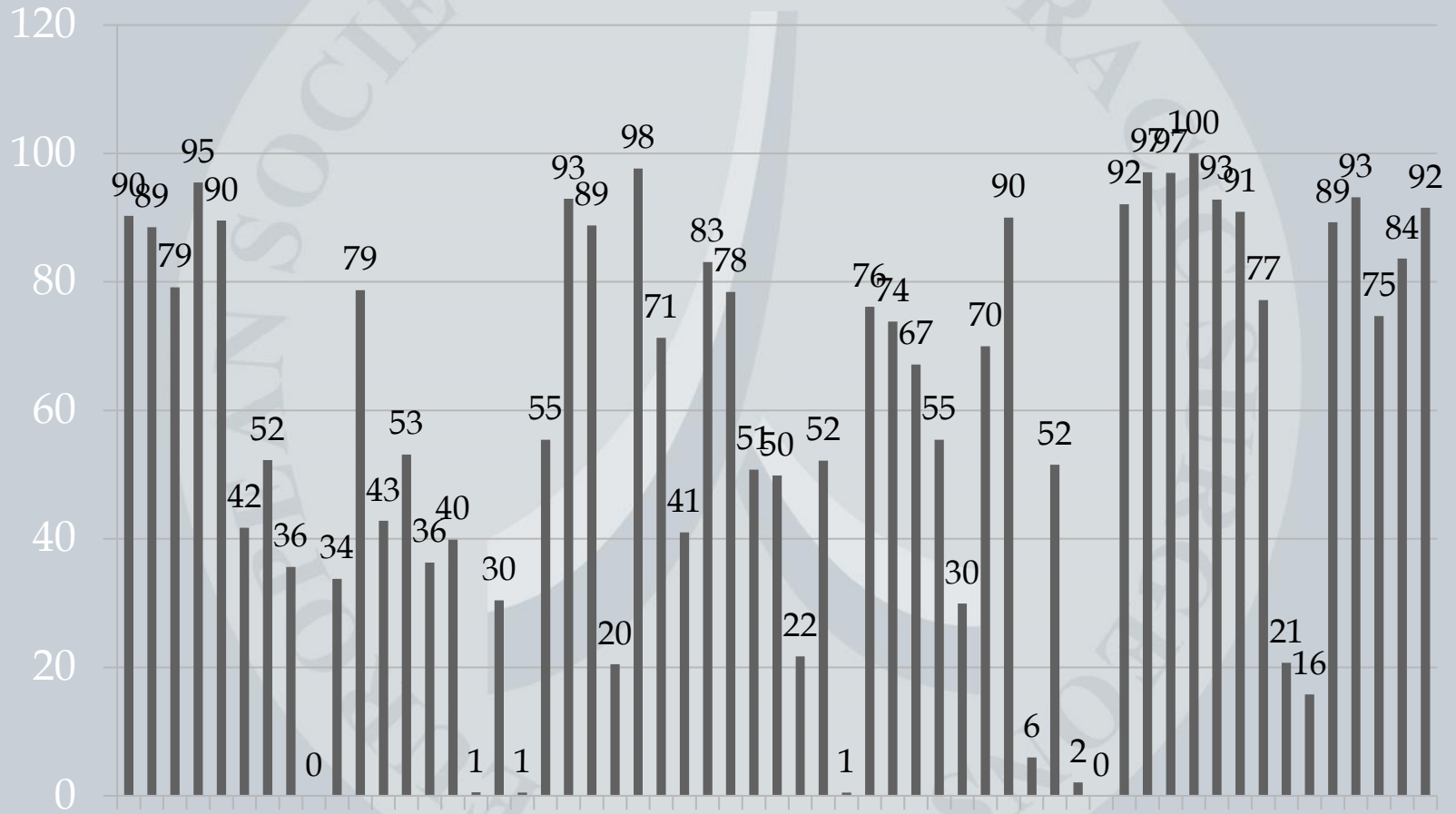
ESTS SECRETARY GENERAL

# PURPOSE OF INSTITUTIONAL ACCREDITATION

<u>A PROCESS aimed at standardizing and improving practice</u> of European Thoracic Surgery units

ESTS Accreditation IS A QUALITY LABEL

PROPORTION OF PATIENTS WITH DLCO MEASURED IN THE UNITS WITH CALCULATED CPS (2019)

PROPORTION OF PATIENTS WITH CLINICAL N2 UNDERGOING PREOP INVASIVE MEDIASTINAL STAGING IN THE UNITS WITH CALCULATED CPS (2019)
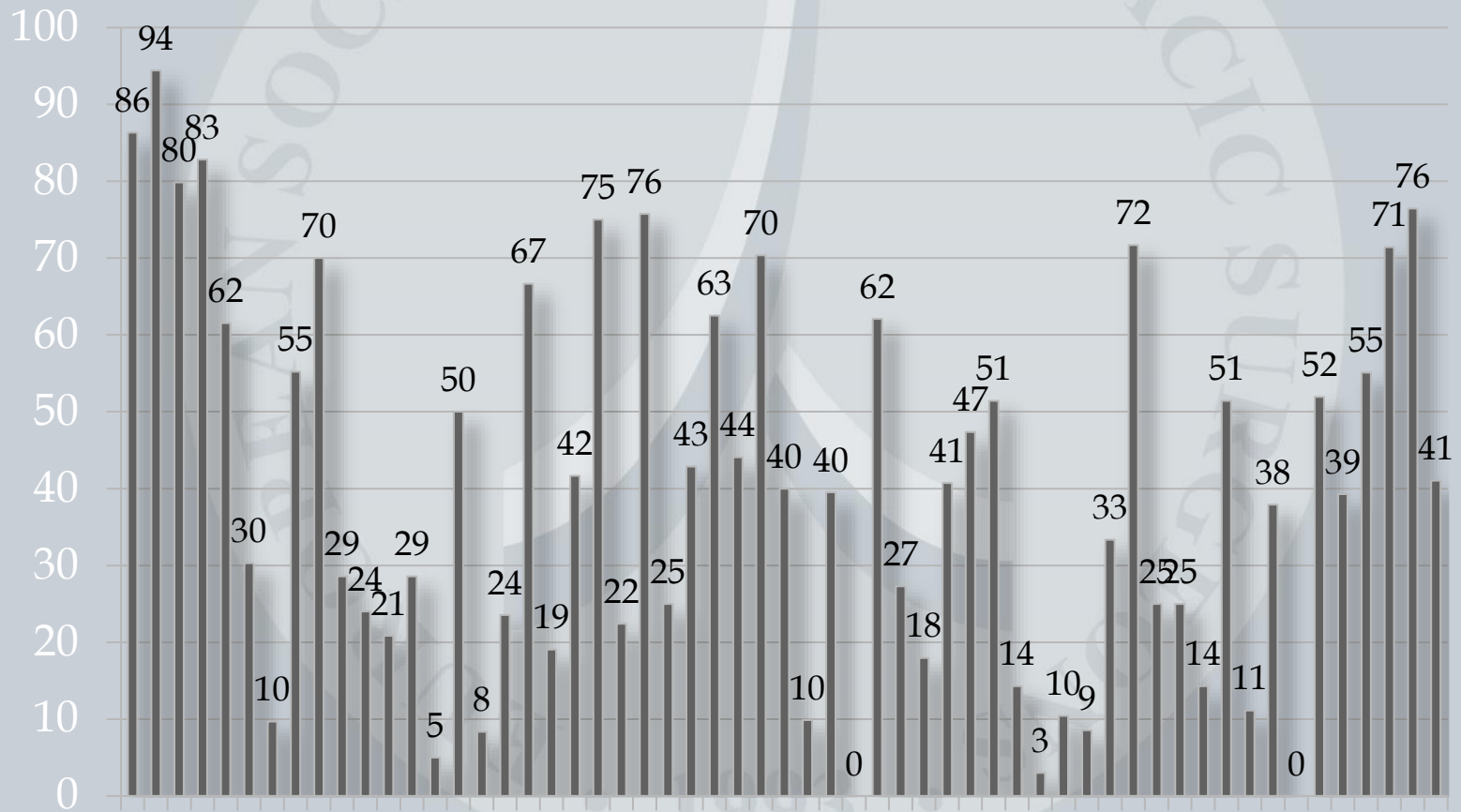
Eligibility criteria for Accreditation

1. Participation to ESTS Database and contributing **>150 anatomic lung resections in the last 3 years**
2. Institution must reside in Europe
3. Head of unit or Clinical Audit lead must be an ESTS member
4. **CPS > 0**
5. **Completeness of variables used to calculate CPS>70%**

Composite Performance Score

Preoperative care:

         -% of pts having DLCO measured

         - % of pts with CT enlarged or PET+ med nodes undergoing preop invasive mediastinal staging

Operative care:

         -% of pts operated on for primary neoplastic disease submitted to systematic lymph node dissection

Postoperative care:

         -risk-adjusted cardiopulmonary morbidity rate

         -risk-adjusted mortality rate

Models of morbidity and mortality calculated by Eurolung 1 and Eurolung 2

Regression equation for morbidity EuroLung1

Logit= -2.465 + 0.497Xsex male + 0.026Xage + 0.231XCAD + 0.371XCVD + 0.152XCKD – 0.015XppoFEV1 +

0.514X extended resections + 0.497Xthoracotomy

Regression equation for mortality EuroLung2

logit (mortality)= -5.82 + 0.903Xsex male + 0.044Xage + 0.264XCAD + 0.582XCVD - 0.064XBMI + 0.300Xextended resection + 0.929X pneumonectomy + 0.894Xthoracotomy – 0.009XppoFEV1

Regression logit for morbidity
Parsimonious EuroLung1
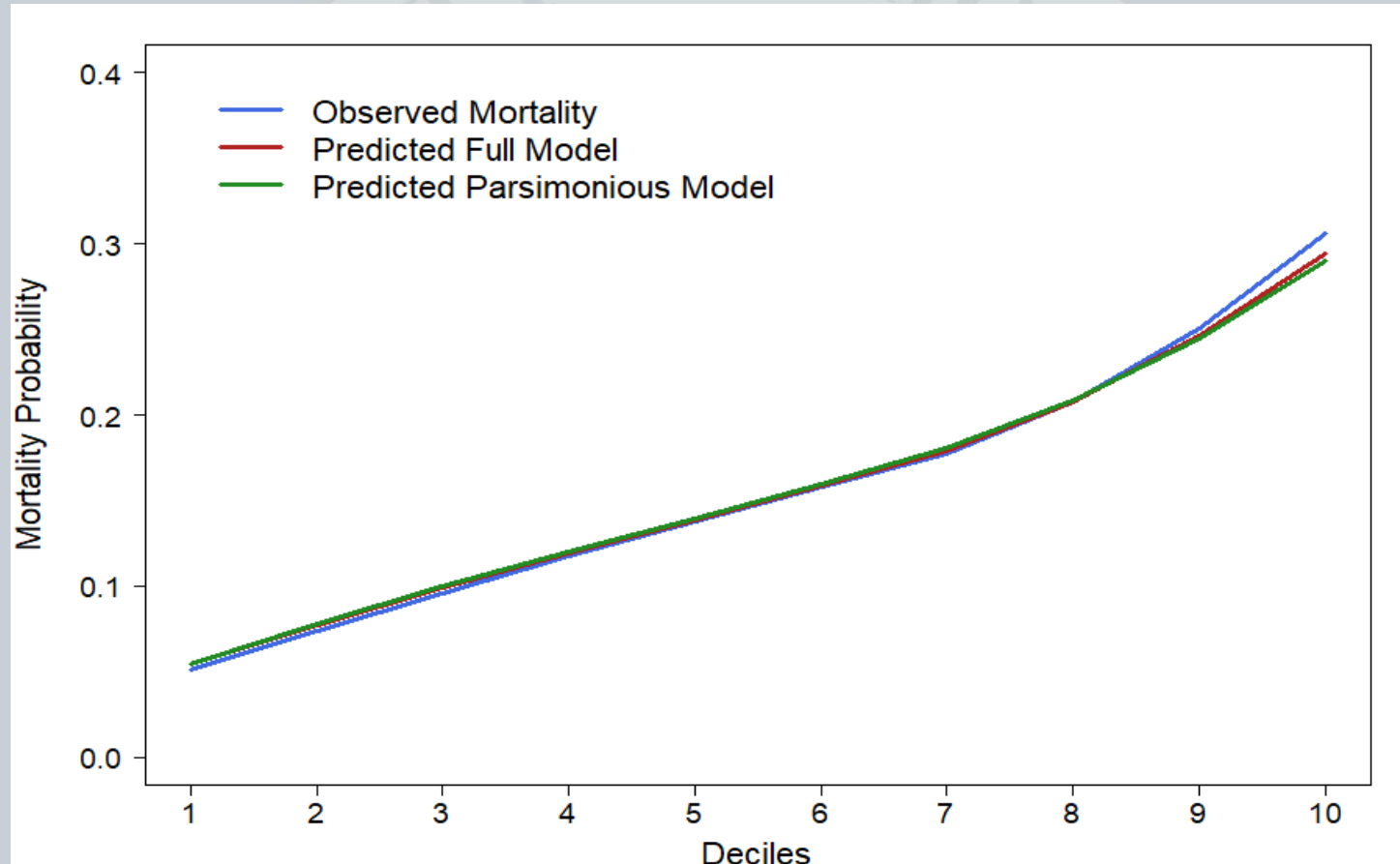
-3.079 + 0.025*Age + 0.477*Male -0.015*ppoFev1 + 0.639*Thoracotomy + 0.321*Extended Resection

Regression logit for mortality
Parsimonious EuroLung2
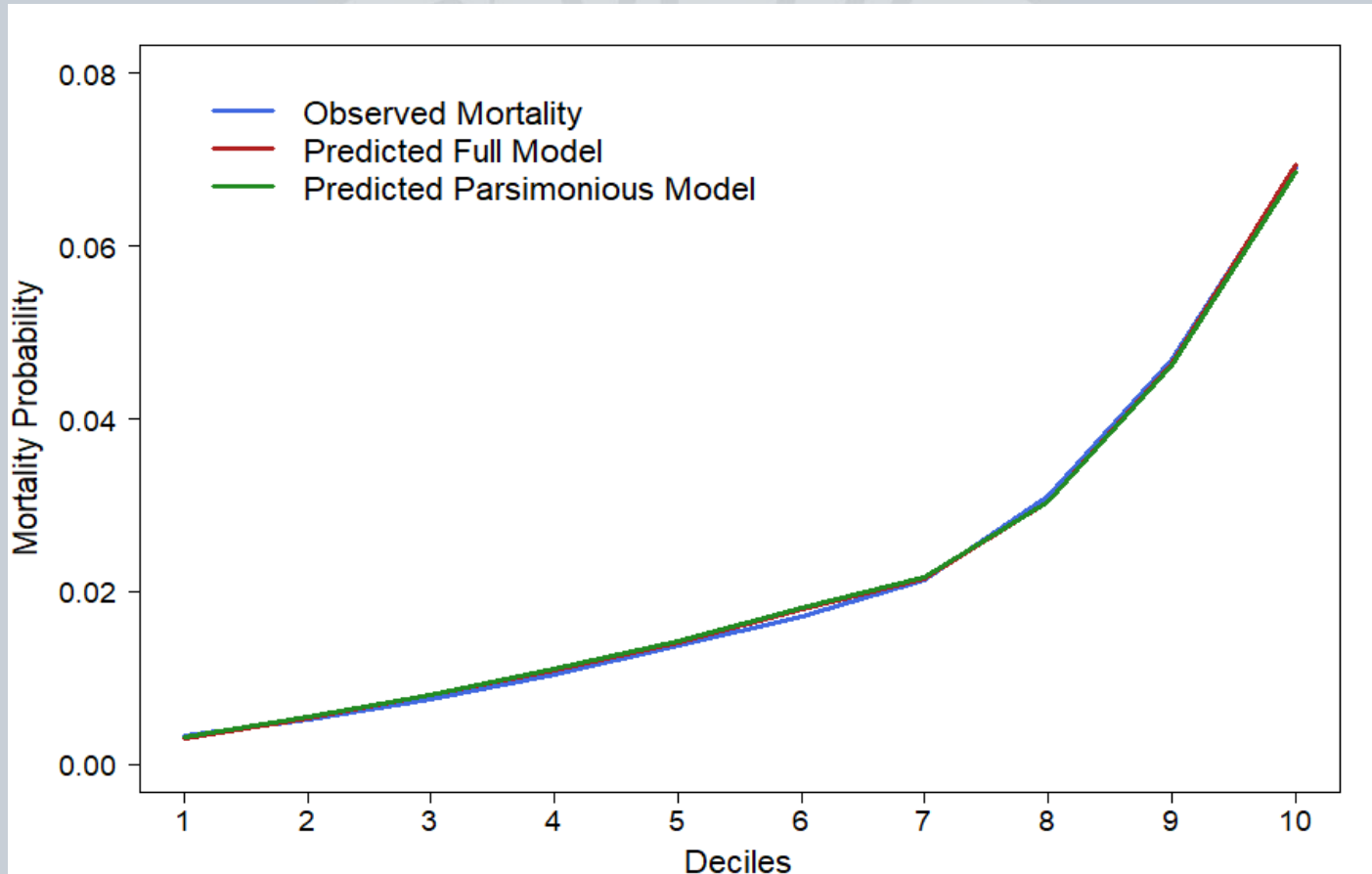
-6.350 + 0.047*Age + 0.889*Male - 0.055*BMI -0.010*ppoFev1
+ 0.892*Thoracotomy + 0.983*Pneumonectomy

PROCESS OF ACCREDITATION

MAY: -Central calculation of CPS

        -Eligible units announced during ESTS meeting

JUNE: -Invitation letters are sent out to eligible units

JULY: deadline acceptance for accreditation process

AUGUST-MARCH: Local Audits

APRIL-MAY: Audit reports reviewed by DB Committee and
                    ESTS Council

MAY: Accredited units announced during ESTS meeting

List of currently accredited units

UNITS	Year of accreditation or revalidation (3 year term)
BRATISLAVA, SLOVAKIA	2019
Ospedale Molinette, TORINO, ITALY	2019
ANTWERP, BELGIUM	2018
STRASBOURG, FRANCE	2018
MARSEILLES, FRANCE	2018
PASCALE FOUNDATION, NAPLES, ITALY	2018
OTTO WAGNER, VIENNA, AUSTRIA	2018
RUHRLANDKLINIK, ESSEN, GERMANY	2020
UZ LEUVEN, BELGIUM	2020
HOSPITAL CLINICO SAN CARLOS MADRID, SPAIN	2020
UNIVERSITY HOSPITAL ZURICH, SWITZERLAND	2020

EUROLUNG APP FOR IPHONE AND ANDROID
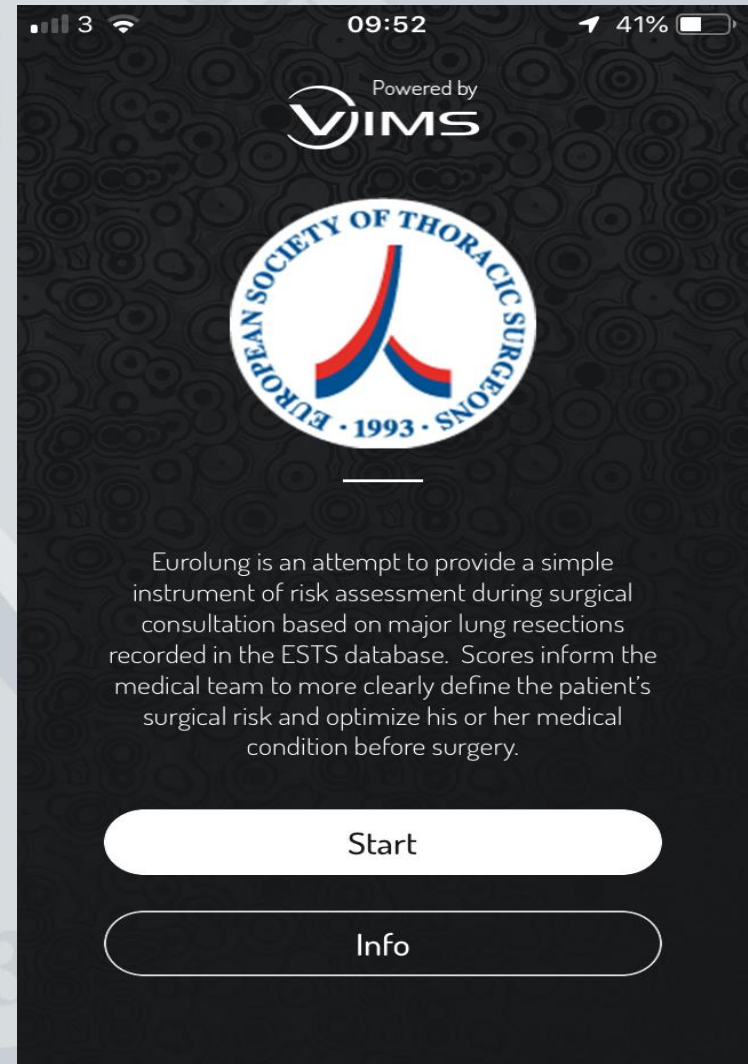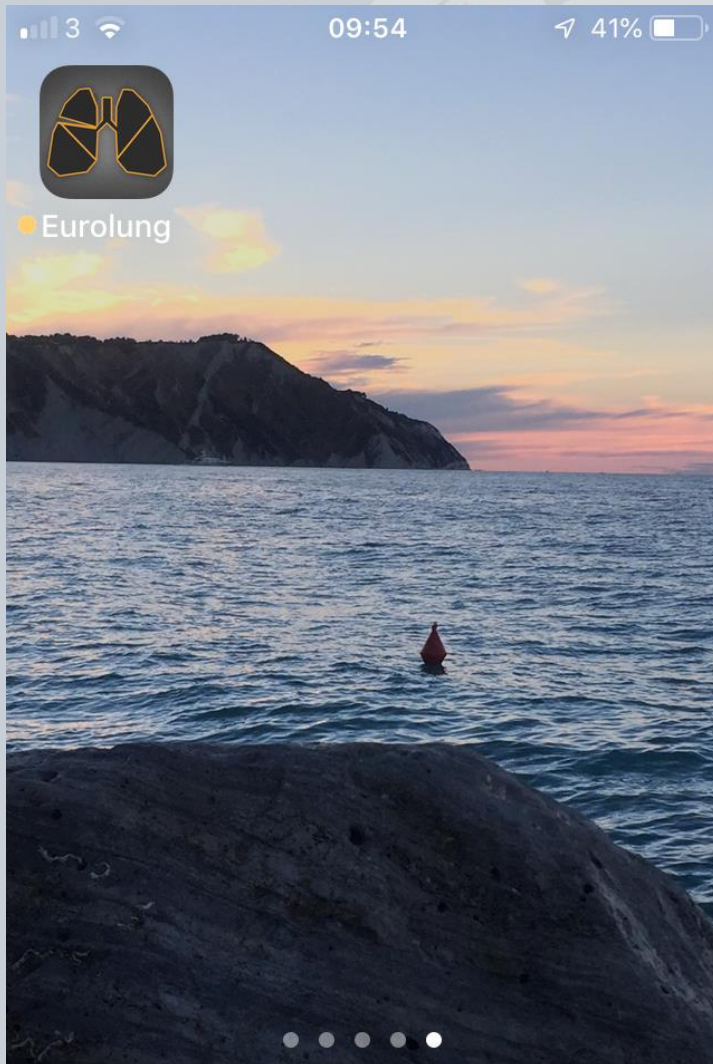
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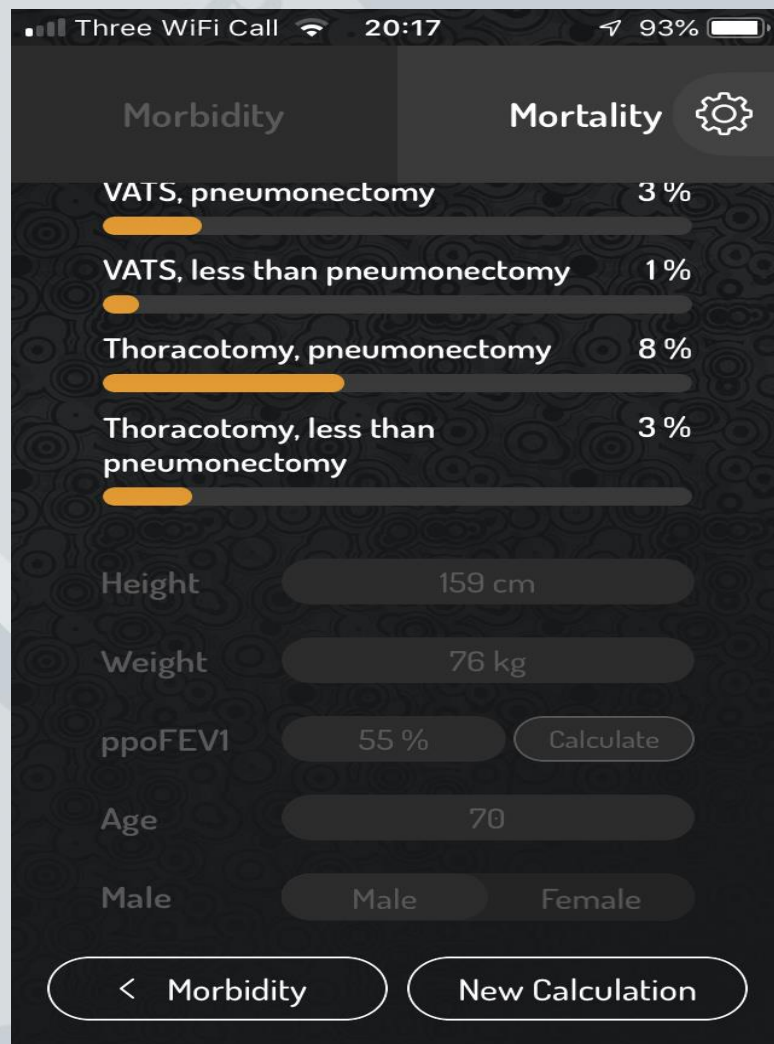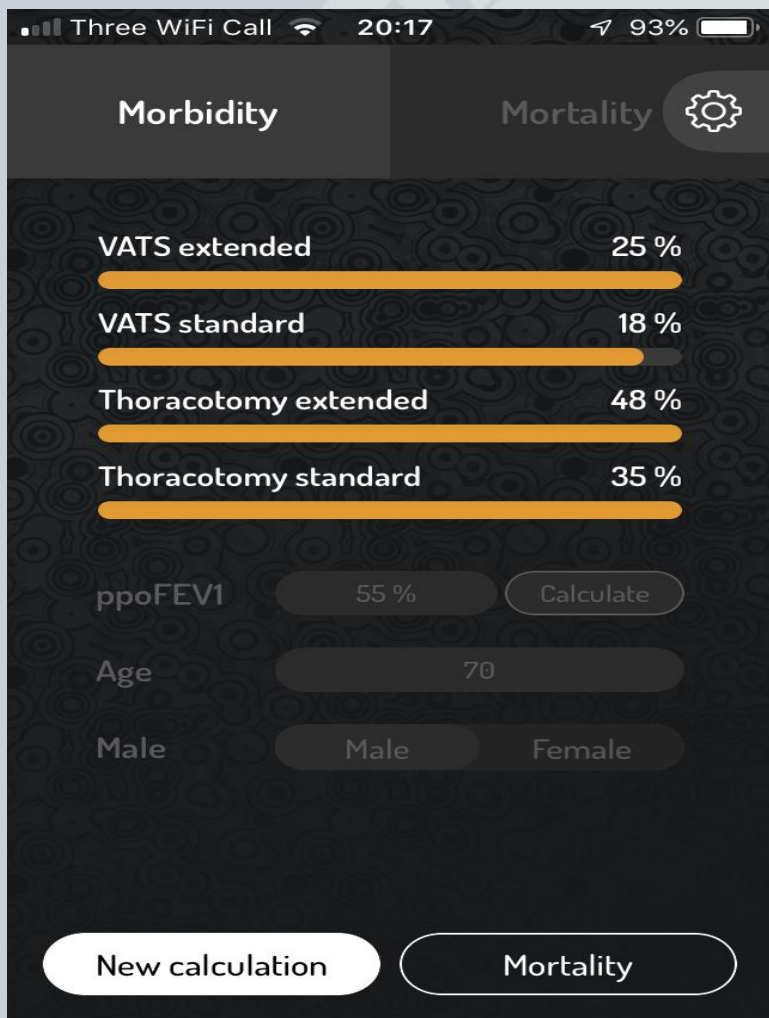
ESTS
European Society of Thoracic Surgeons

Latest event details...ESTS School of Thoracic Surgery Antalya Turkey 12 - 16 March 2014 12 - 16 Mar 2014

ESTS Quality Certification Programme

Click here to download the Institutional Quality Certification PDF

Collaboration

European Database

European Directory of Thoracic Surgery

ESTS Exchange Programme

ESTS Quality Certification Programme