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VIRTUAL ACADEMY

TCD VIRTUAL ACADEMY

*“...computers are unbelievably fast, stable and stupid,
however, human is extremely slow, instable and perfect”*

Albert Einstein

Human and computer!

This electronic partnership may strengthen many people in the learning process...



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- E-learning learning supported by the use of information and communications technology.
- In higher education and health sector, the increasing tendency is to create a virtual learning environment.
- Some emerging e-learning projects are already delivering high-quality learning solutions on a national and international scales



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E-LEARNING IN THE WORLD

- ❖ “British Medical Journal” group’s “BMJ learning” (<http://group.bmj.com/products/learning>) is offered to all physician and some modules are free-of-charge, whereas other modules cost 7-10 pounds.
- ❖ In U.S., (<http://www.medscape.com/generalsurgery>) owned by Medscape offers modules for each branches including below materials;
 - ❖ e-articles, e-reviews, e-case presentations,
 - ❖ Link with STE credit system,
 - ❖ Free-of-charge modules under sponsorship of the industry
 - ❖ Information about trainers compiling the module and the Sponsor,
 - ❖ Conflict of interest statement on each module.
- ❖ “Websurg” (<http://www.websurg.com>) published by a university in the Europe and built on teaching surgical operation techniques
 - ❖ Many basic and advanced laparoscopic operations offered with principles of e-Learning
 - ❖ Several modules are free-of-charge due to public and industrial sponsorship
- ❖ Industry-sponsored “Clinical Care Options Oncology” (<http://www.clinicaloptions.com>) announcing advances in the field of oncology
- ❖ “Pedralink” (<https://www.pedralink.org/>) operating in the field of Pediatrics in U.S.
 - ❖ Private membership for the site
- ❖ Intercollegiate Surgical Curriculum Programme (<http://www.iscp.ac.uk>) offering wide spectrum services to residents and specialists in the field of general surgery in Great Britain
 - ❖ Private membership for the site





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ADVANTAGES IN E-LEARNING

General Advantages

- ❖ Ability to rapidly adapt to requirements of changing medical and surgical environment
- ❖ Better cost reductions in comparison with other training approaches



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E-LEARNING ENVIRONMENT

e-Learning environment;

- ❖ Portability and ability to access from different localizations,
- ❖ Ability to use various complex images,
- ❖ Supporting the training with simulators,
- ❖ Offering possibility to the user for self-assessment,
- ❖ Ability to link with core curriculum plan for junior doctors,
- ❖ Possibility for supporting independent CME programs, certification and re-certification,
- ❖ Ability to be use in the training of all healthcare practitioners and the society.



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ABILITY TO MEASURE AND ASSESS

- ❖ Possibilities of self-assessment and feedback
 - ❖ Valuable feed-back for developers,
 - ❖ Self-assessment for personal guidance,
 - ❖ Assessment as a part of e-Learning program.



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REMEMBER!

“e-Learning cannot replace direct clinical practice or clinical training.”

- ❖ It should never be ignored that most successful applications are comprised of learning techniques harmonized with conventional education methods.
- ❖ e-Learning should be a part of an blended learning system.
- ❖ It should not be considered that it may replace established available conventional methods or they decrease value of them.



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E-LEARNING IN THE WORLD

❖ Many specialist associations in the UK drew many e-learning based training programs in various forms within last 15 years.

❖ In 2001, the Royal College of Surgeons of England reconfigured their Surgical Education and Training Programme to incorporate “e-STEP”, an e-learning component

❖ The program was revised in 2008 and core surgery training is considered as standard for 1st and 2nd Year Training.

❖ It is made obligatory for each resident to register on “Web” and to follow the program.





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- We developed the first comprehensive e-learning programme in December 2009

<http://sneg.turkcer.org.tr>

- offers e-learning tools to surgeons, residents and students
- accredited by Turkish Medical Association Continuing Medical Education Accreditation Council
 - to increase the accessibility of CME/CPD
 - to provide current and relevant information
 - to ensure quality improvement of CME/CPD
- It is completely free
- Because of language similarities TSA gave to free access to surgeons in Azerbaijan.



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MAIN PAGE

T Ü R K CERRAHI DERNEĞİ | Sanal Akademi

e-posta:
şifre:
şifremi unuttum

Anasayfa Hakkımızda | İletişim

Dr. Cem Terzi'nin açılış konuşması için tıklayınız

Dr. Cem Terzi'nin e-öğrenme konulu makalesine ulaşmak için tıklayınız

Ulusal Cerrahi Dergisi
Ulusal Cerrahi Dergisi'ne ulaşmak için tıklayınız

User name and password section

Page short-cut menus

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- Modüller**
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Total Tiroidektomi ve Santral Diseksiyon

etiket: video, tiroid kanseri, diseksiyon, tiroid, kanser, flep, median ven, ven, ligasyon, rekürren, ste

Bu eğitimin genel amacı tiroid kanseri tanı ve tedavisi konusundaki güncel bilgileri gözden geçirmek ve tiroid cerrahisinin ilkelerini anımsamaktır. "Tiroid nodüllerine yaklaşım", "Tiroid kanserinde tanı ve tedavi ilkeleri" ve "Tiroid kanserinde izlem" bölümlerinde tiroid nodülü ve tiroid kanserine yaklaşımla ilgili güncel genel bilgilerin verilmesi hedeflenmiştir.

"Total tiroidektomi ve santral diseksiyon", "Fonksiyonel boyun diseksiyonu ve 'Komplikasyonlar' bölümlerinde tiroid kanserine yönelik cerrahi girişimler hatırlanacaktır. Farklı teknik uygulamaların görülebilmesi için ameliyatlara aşamaları, değişik olgularda yapılan video çekimleri ile sunulmuştur. [devami »](#)

Adrenal Cerrahisi

etiket: adrenal, adrenalectomi, adrenal bez, diseksiyon, laparoskopi, transabdominal, video

Günümüzde küçük fonksiyonel kitlelerde altın standart olarak kabul edilen laparoskopik adrenalectomi ameliyatları videolar ile anlatılmaktadır. Bu modul transabdominal, lateral retroperitoneal ve posterior retroperitoneal adrenalectomi ameliyatlarını gösteren videoları içermektedir. [devami »](#)

Rektum Cerrahisi

etiket: video

Adrenal Kitlelere Yaklaşım

etiket: diseksiyon, median ven, ven, adrenal, adrenal bez, hiperaldosteronizm, hiperadrenokortizizm, insidentaloma, konstast, MRI, retroperitoneal, transabdominal, adrenalectomi, laparoskopi

Adrenal bez anatomisi ve fizyolojisini içeren kısa bilgilerle başlayan bu modülde, adrenal bez hastalıkları hakkında ayrıntılı bilgiler verilmektedir. Klinik uygulamada adrenal insidental bir kitle ile karşılaşıldığı zaman yaklaşımın ne olması gerektiği, görüntüleme tetkikleri ile bu kitlelerin selim/habis ayırımının nasıl yapıldığı, cerrahi tedavi endikasyonları, cerrahi tedavi seçenekleri tartışılmıştır. [devami »](#)

Aydınlatılmış Onam

etiket: onam, mesleki destek, bilimsel yayın

"Aydınlatılmış Onam" kursu erişkin yaşta, akli dengesi yerinde olan bir hastanın herhangi bir inceleme ve tedavi için onam vermek ya da vermemek hakkı üzerine hukuki ve prosedürel süreçler hakkında detaylı bilgi vermeyi amaçlamaktadır. [devami »](#)

Bilimsel Makale Nasıl Okunur?

etiket: bilimsel yayın, makale

"Bilimsel Makale Nasıl Okunur?" kursu, bir bilimsel makalenin tanımı, yazım ve basım formatı, bir makalede karşılaşılabilecek temel bilimsel kavramlar, standart bir makalenin bileşenleri, makale okurken izlenmesi gereken adımlar, dikkat edilmesi gereken noktalar ile yayımlanmış bir makalenin değerlendirilmesi ve bilimsel yayınlarda

Most recent modules



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- A core curriculum was created by taking into account the local needs and Turkish postgraduate education system
- The core curriculum consists of 5 main sections:
 - General medical issues
 - Main surgical issues
 - Basic surgical skills
 - Advanced surgical skills
 - Evidence-based surgery
- The proposed approach is based on modular architecture
- The selection of employed modules depends completely on user needs.



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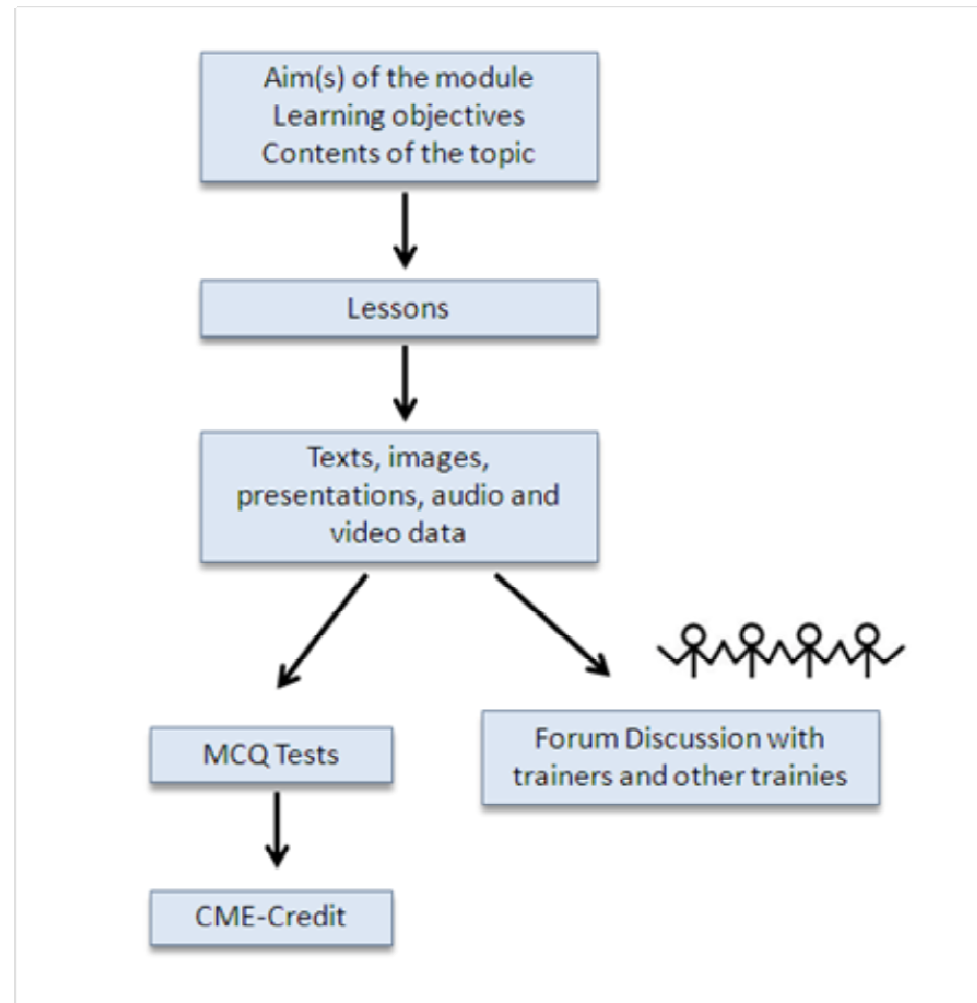
E-LEARNING MODULES

- ❖ e-Article (s)
 - ❖ Ensures rapid transfer of the new knowledge
 - ❖ An article designed using several interactive features can be transformed into an e-Article
 - ❖ Members are informed via e-mail message for each new article published
- ❖ e-Review/Guide (s)
 - ❖ It is aimed to make good review articles and guide-lines are read easily.
- ❖ e-Case(s)
 - ❖ It simulates real life conditions for diagnosis and treatment of frequent diseases
 - ❖ Problem- based
 - ❖ Problem –solving
 - ❖ Algorithmic techniques
 - ❖ Interactive
- ❖ e-Operation(s)
 - ❖ With animations
 - ❖ Surgical anatomy
 - ❖ Tip points
 - ❖ Slow motion, pause, zoom, and re-play
 - ❖ Etc.



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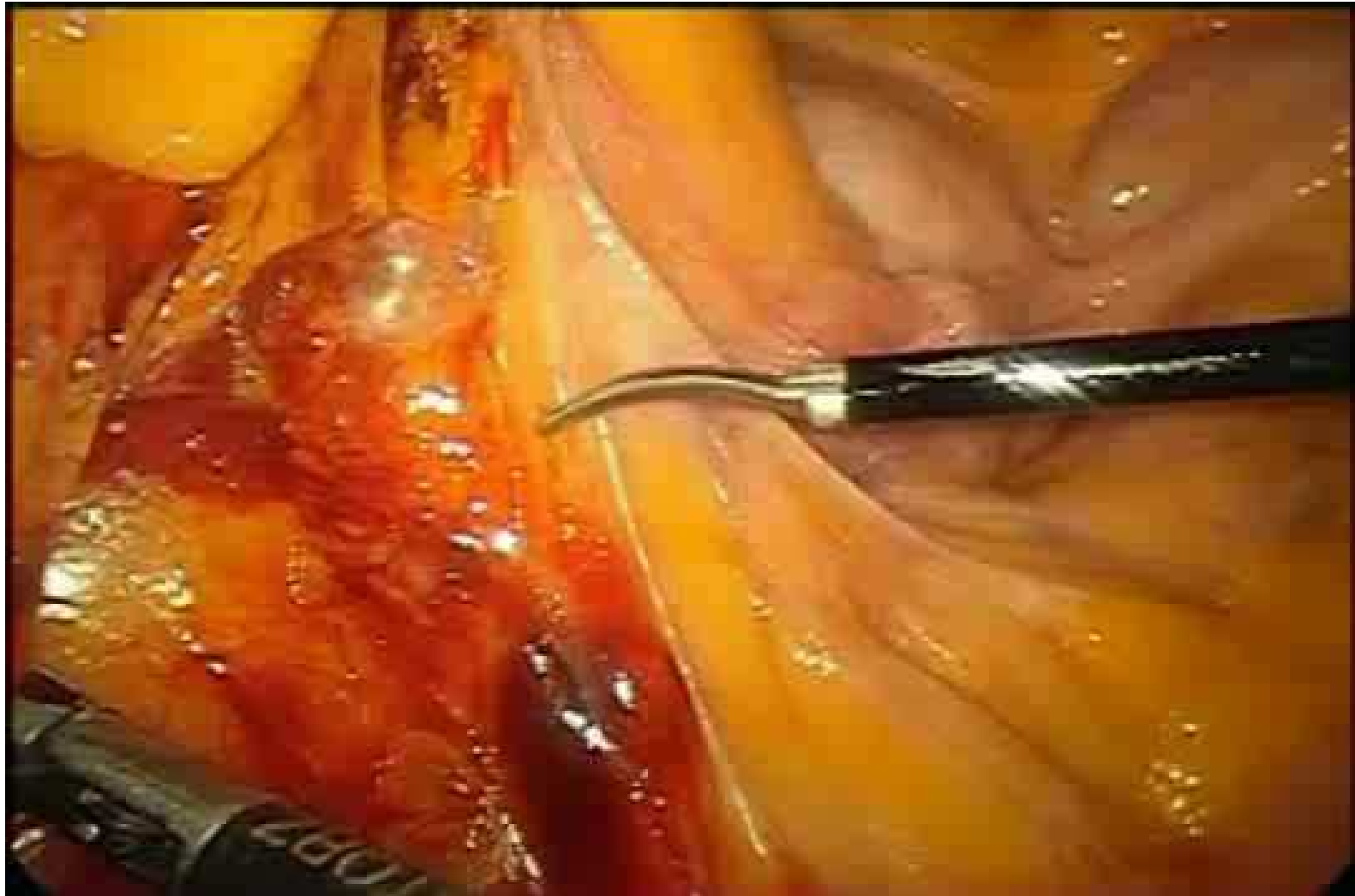
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EXAMPLES FROM MODULES- eOPERATION

TCD Sanal Akademi

modülden çık

Anasayfa » Modüller » Total Tiroidektomi ve Santral Diseksiyon

Tanıtım Modül Test Sonuç

Total Tiroidektomi ve Santral Diseksiyon

Görüntü 3

Görüntü 3





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- TSA Virtual Academy Electronic Learning Materials Production Principles and Guidelines document
 - provides detailed information about resources, videos, artworks, copyrights, and ethic rules
 - refers to the processes that will be included in the modules, organization technique, duration of the module, update intervals and the techniques
- All modules are reviewed by an independent referee in a structured fashion and by a member of the e-laerning commission.



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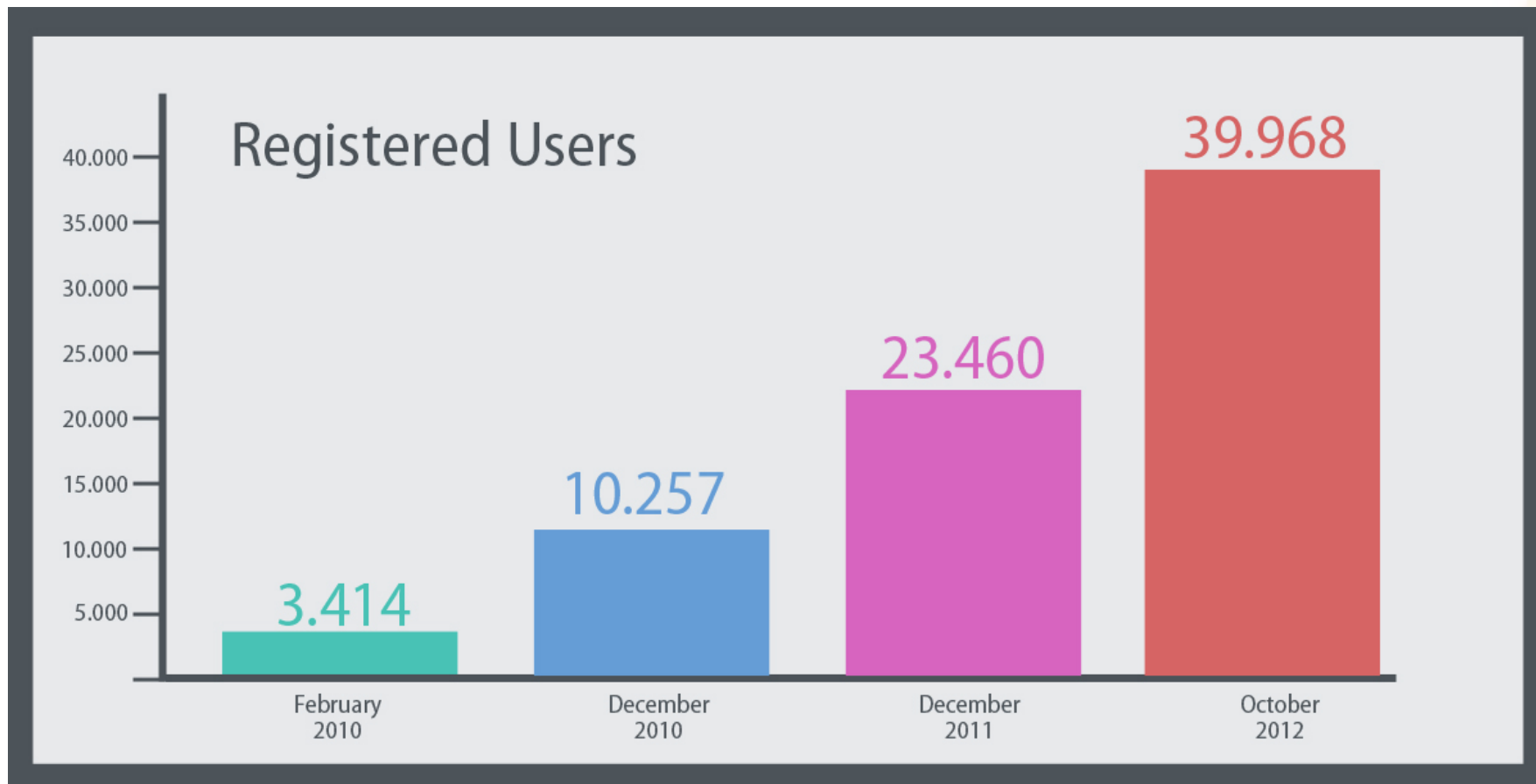
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- The number of active general surgeons in Turkey is around 4000 which great majority of them are the member of TSA.
- More than 1000 residents are receiving specialty training in 123 general surgery clinics.



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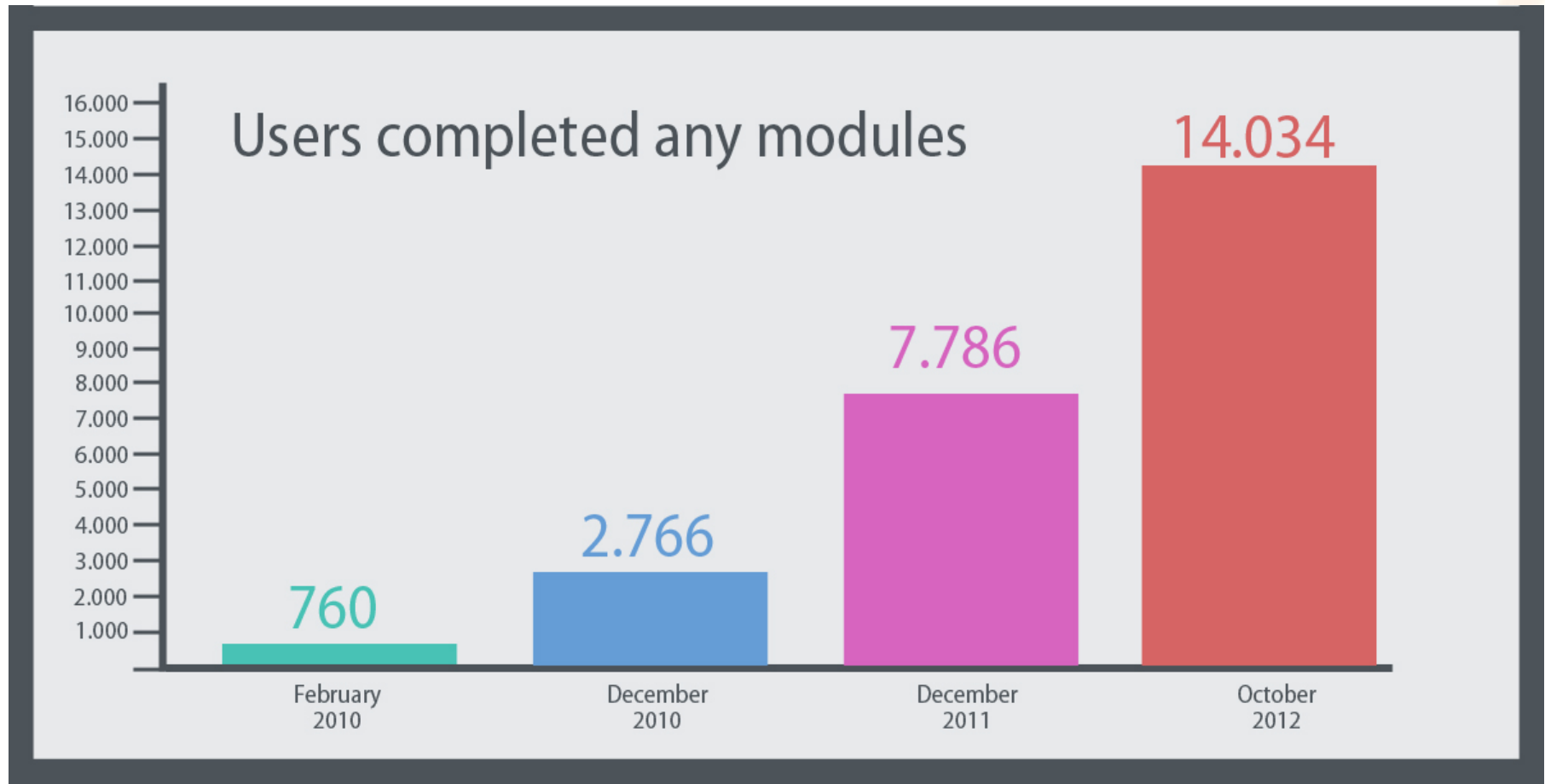
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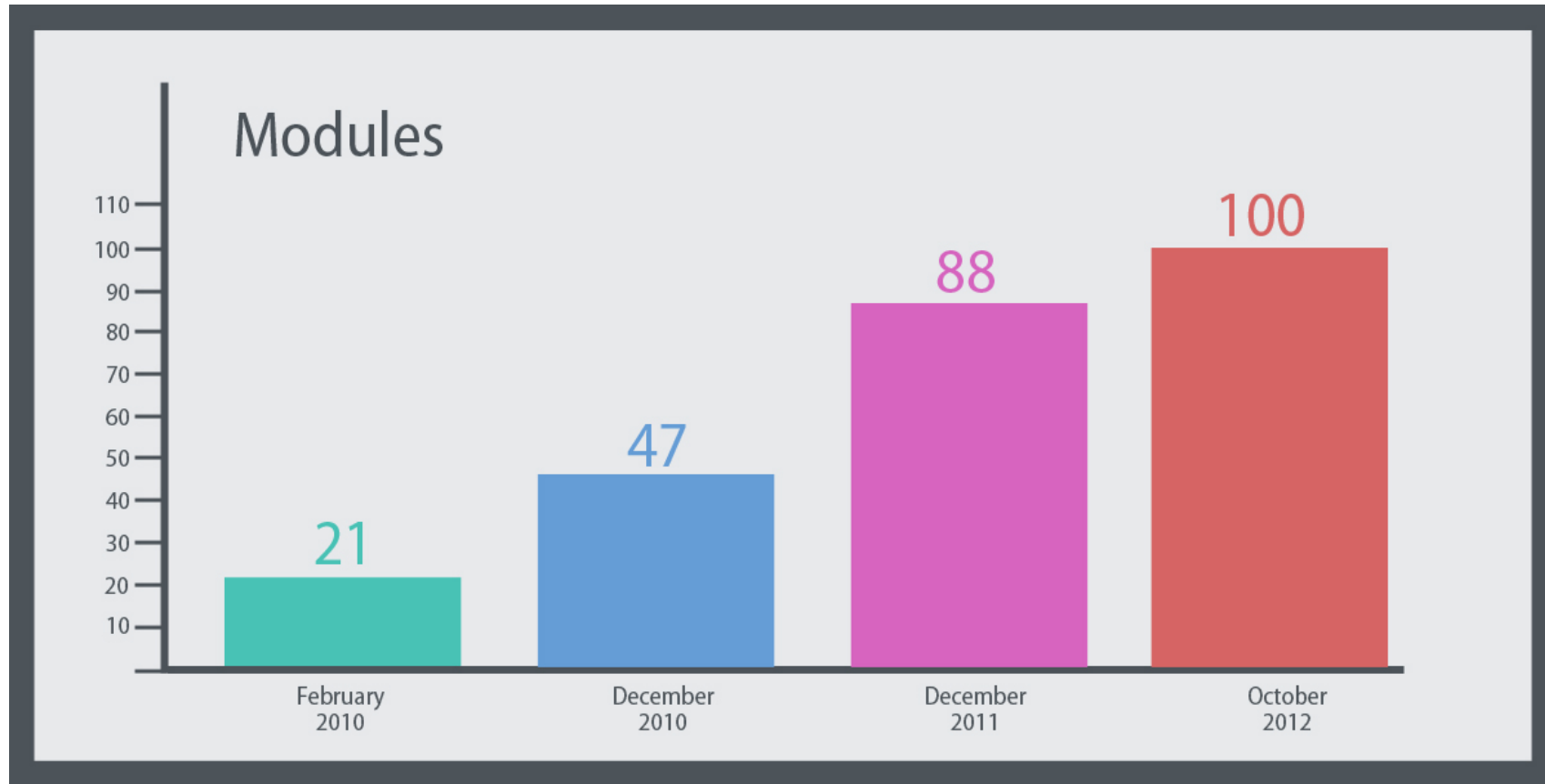
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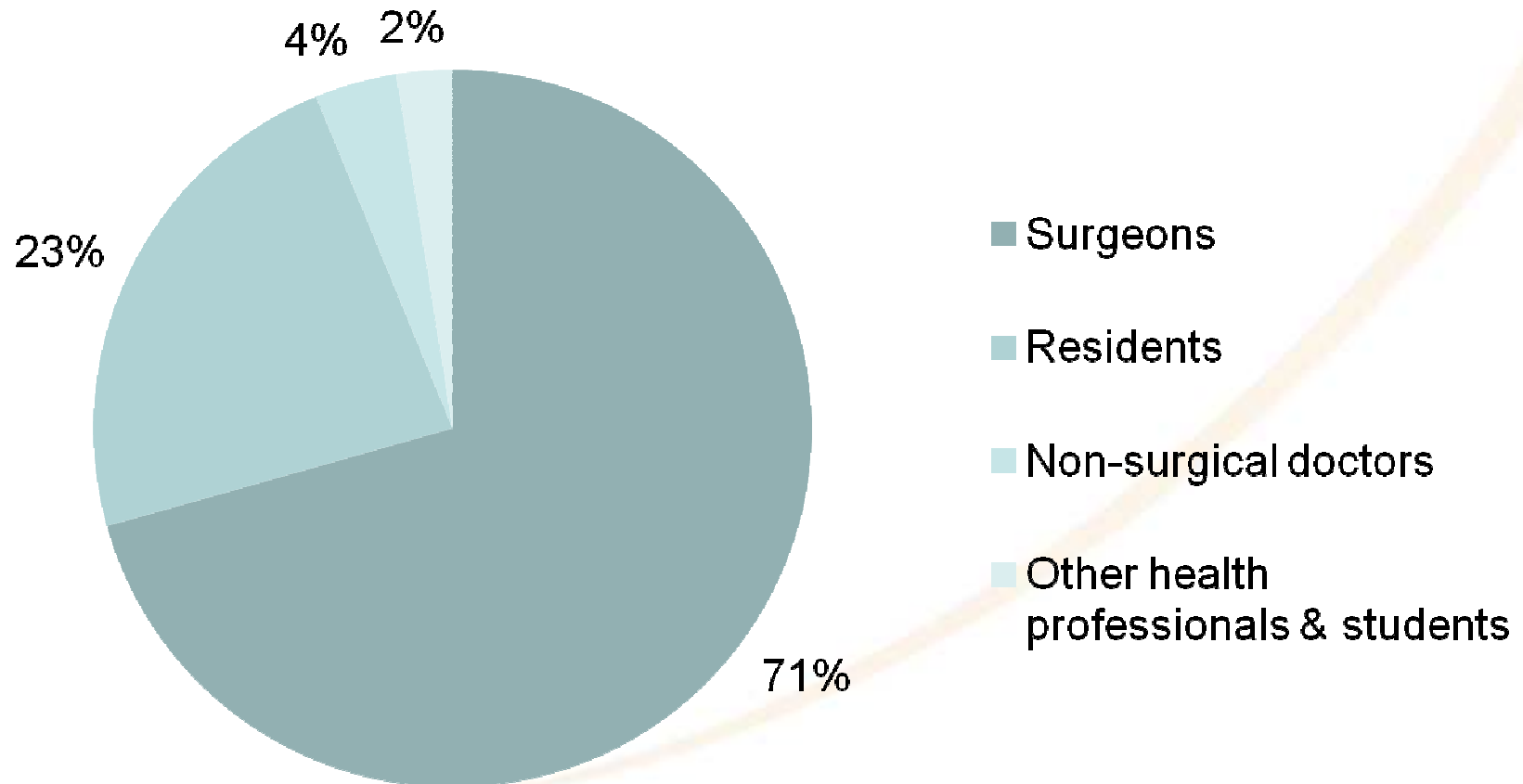
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- The average length of stay for a singular user at the module was 27 minutes.
 - Therefore, the modules have been requested not to exceed 30 minutes
- The ratio of users who completed the modules to the starters was 34%.
- Factors affecting to complete the modules
 - subject of the module,
 - module duration,
 - interactivities used in the modules and the
 - interpretations of the modules made by users.
- Whereas surgery videos, illustrations, animations, and the modules including sound recording are completed at higher ratio



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- TSA Virtual Academy is met by tremendous interest by our country's surgeons and surgical residents.
 - The users are existed in almost every province and district.
- The process of preparing the module and thus the completion of core curriculum takes longer than initially planned.
- The rate of users who complete the modules and gain CME credit score was lower than expected.
 - It is possible that *the long duration of modules could have played* a part.
 - In our experience the optimum time has been identified as 30 minutes.
- TSA Virtual Academy can be an important complementary source in the training of surgical residents.
- can be used in recertification programme run by TSA Board.
- There should be sincere attempts *to get more medical students* involved.



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EVIDENCE-BASED SURGERY - eGUIDELINE

TCD Sanal Akademi

modülden çık

Anasayfa » Kanıta Dayalı Cerrahi » e-Kılavuz

Tanıtım Modül Test Sonuç

Amerikan Tiroid Birliği Tiroid nodülü ve Diferansiye Tiroid Kanseri olan Hastalar için Revize Edilen Tedavi İlkeleri

[makaleye başla](#)

Hazırlayanlar

TTB-STE Kredi Puanı:
Bu eğitim için puan yoktur.

Süre:
Belirtilmemiş

İlk Hazırlanma Tarihi:
09.12.2009

Son Güncellenme Tarihi:
10.12.2009

Modülün Amacı:

David S. Cooper, Gerard M. Dohert, Bryan R. Haugen, Richard T. Kloos, Stephanie L. Lee, Susan J. Mandel, M.P.H., Ernest L. Mazaferrri, Bryan McIver, Furio Pacini, Martin Schlumberger, Steven I. Sherman, David L. Steward, R. Micheal Tuttle

Amerikan Tiroid Birliği

Tiroid nodülleri sık rastlanan klinik bir sorundur. Epidemiyolojik çalışmalar palpe edilebilir tiroid nodülleri prevalansının dünyanın iyodin eksikliği olmayan bölgelerinde yaşayan kadınlarda %5 ve erkeklerde %1 dolayında olduğunu göstermiştir. Aksine yüksek rezolusyonlu ultrasonla (US) rasgele seçilen bireylerin %19-67'sinde, kadınlarda ve yaşlılarda daha sık olmak üzere tiroid nodülleri saptanmaktadır.

İçerik:

puan

★★★★★

yorum

Henüz hiç yorum yazılmamış



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<http://sneg.turkcer.org.tr>

THANKS FOR YOUR KIND INTEREST