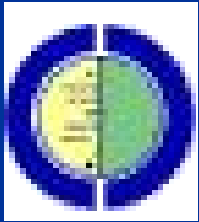


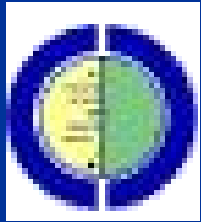
MAKING EVIDENCE ACCESSIBLE IN REMOTE AREAS OF BRAZIL



Prof. Dr. Álvaro Nagib Atallah
Director Brazilian Cochrane Centre
Chief Professor Emergency and
Evidence Based Medicine
UNIFESP/EPM.



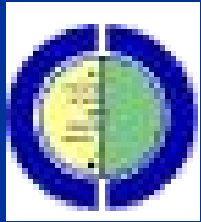
BRAZIL



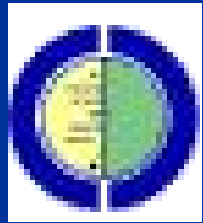
300.000 MDs

2,5 Millions of Health
Professionals

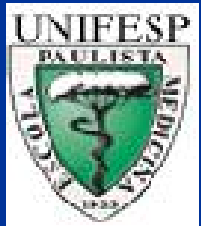
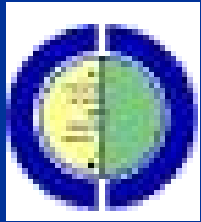
184.000.000 Inhabitants



Tarsila do Amaral - Abapuru

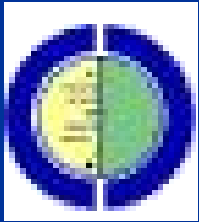


Van Gogh – Sunflowers



BRAZILIAN COCHRANE CENTRE

BRAZILIAN COCHRANE CENTRE

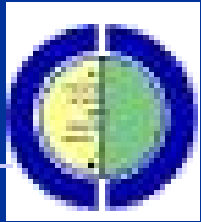


11 YEARS

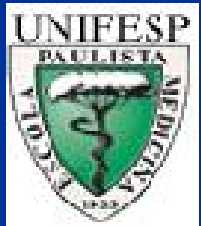
METHODS AND COCHRANE EVIDENCES
TEACHING AND DISSEMINATION



COCHRANE CENTRE UNIVERSIDADE FEDERAL DE SÃO PAULO – UNIFESP

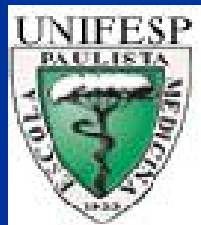
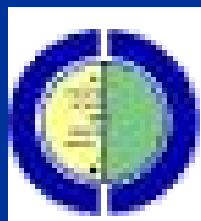


FEATURES



GRADUATION
POS-GRADUATION
AND RESIDENCE PROGRAMS
CLINICAL RESEARCH METHODOLOGY
AND EBM

MASTER DEGREE / PHD



UNIFESP



Pós-graduação em
Medicina Interna
e Terapêutica

Cursos

Programação 2007

Linhas de pesquisa

Grade curricular

Docentes

Banco de teses

Processo Seletivo

Destaques

do Brasil

Mestrado Profissional

Linhas de Pesquisa

1. Metodologia das revisões sistemáticas de terapêuticas em saúde

Descrição: Maneira científica de busca de ensaios clínicos específicos e realização de metanálise para utilidade das escalas de Jadad Maastricht e Cochrane na avaliação de ensaios clínicos para inclusão em metanálises de decisão em saúde baseada nas melhores evidências.

2. Prevenção e tratamento das doenças hipertensivas na gestação

Descrição: Estudos epidemiológicos, fisiopatológicos, ensaios clínicos e revisões sistemáticas com grávidas portadoras de hipertensão arterial. Finalizado estudo multicêntrico do uso do sulfato de magnésio para presença da eclâmpsia - aproximadamente 10.000 casos.

3. Metodologia para a aplicação da medicina baseada em evidências

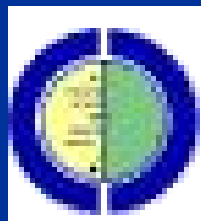
Descrição: Desenvolvimento de projetos e avaliação de pesquisas clínicas com a metodologia de epidemiologia clínica. Estudos prospectivos, ensaios clínicos, avaliação de testes diagnósticos.

MASTER DEGREE / PHD

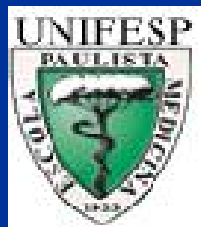
RESEARCH AREAS



➤ Methodology for systematic review in health therapy;



➤ Prevention and treatment of hypertensive disorders in pregnancy



➤ EBM implementation methodology;

MASTER DEGREE / PHD

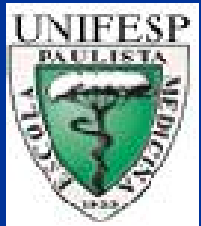


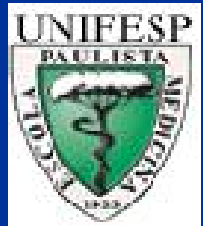
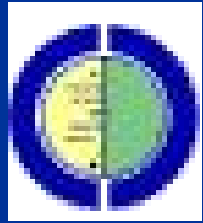
RESEARCH AREAS

➤ Efficiency of diagnostics tests and therapeutics;

➤ Sleep disorders;

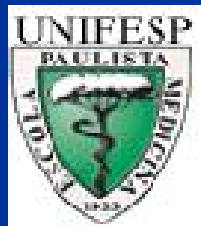
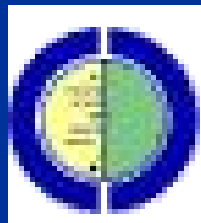
➤ RCTS;





**MASTER DEGREE
EFFECTIVENESS EFFICIENCY
SAFETY - EVIDENCE BASED
HEALTH EVALUATION
INSIDE BRAZILIAN
MINISTRY OF HEALTH**

MASTER DEGREE
EFFECTIVENESS EFFICIENCY SAFETY – EVIDENCE BASED
HEALTH EVALUATION
INSIDE BRAZILIAN MINISTRY OF HEALTH



UNIFESP



Universidade Federal de São Paulo

Escola Paulista de Medicina

SAÚDE BASEADA EM EVIDÊNCIAS

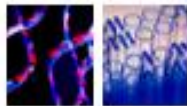
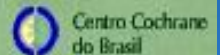
O Programa

Requisitos

Processo Seletivo

Datas Importantes

Contato



Mestrado Profissional

Efetividade em Saúde Baseada em Evidências

Concentração em Gestão de Tecnologias em Saúde

Depoimentos
de ex-alunos

Local das aulas em Brasília:

FINATEC Sede Brasília

Campus Universitário Darcy Ribeiro


Av. L3 Norte, Ed. Finatec – Asa Norte

Brasília – DF

CEP.: 70.910-900

Programa do
curso.

<http://www.centrocochranedobrasil.org.br/mestradoProfissional/>



**POS-GRADUATED
HEALTH PROFESSIONALS
1998 À 2007**



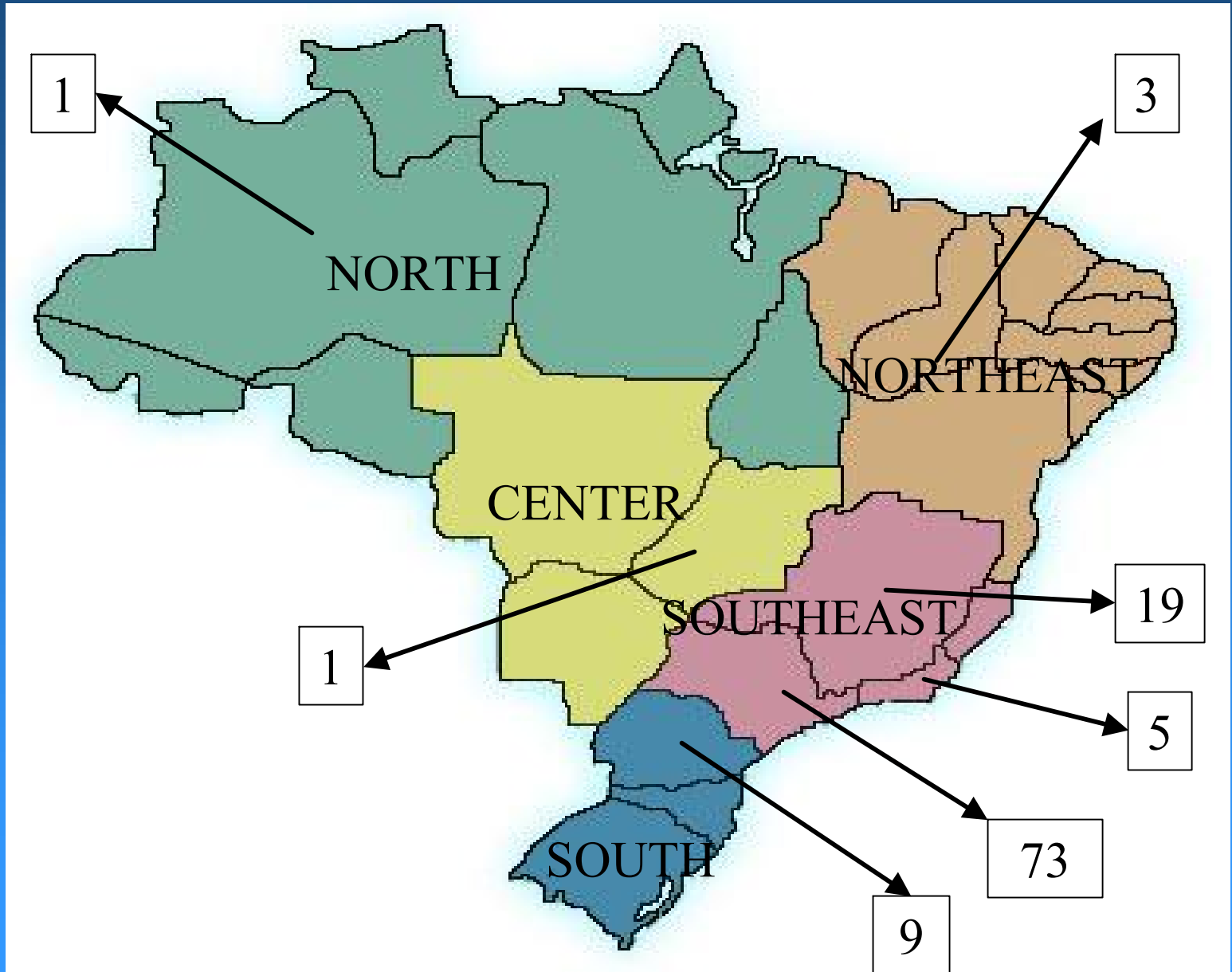
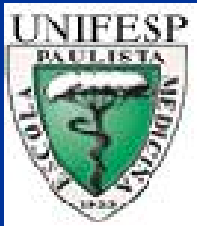
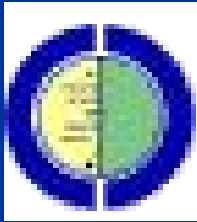
124 PGS

30 PHD

94 MASTER DEGREE

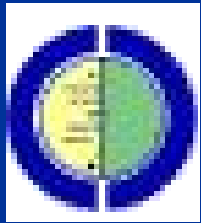


DISTRIBUTION OF POSTGRADUATE ACCORDING TO BRAZILIAN REGIONS



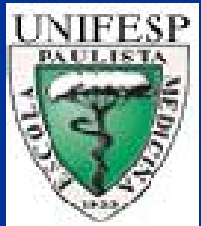


REGULAR MEDICAL GRADUATION COURSE

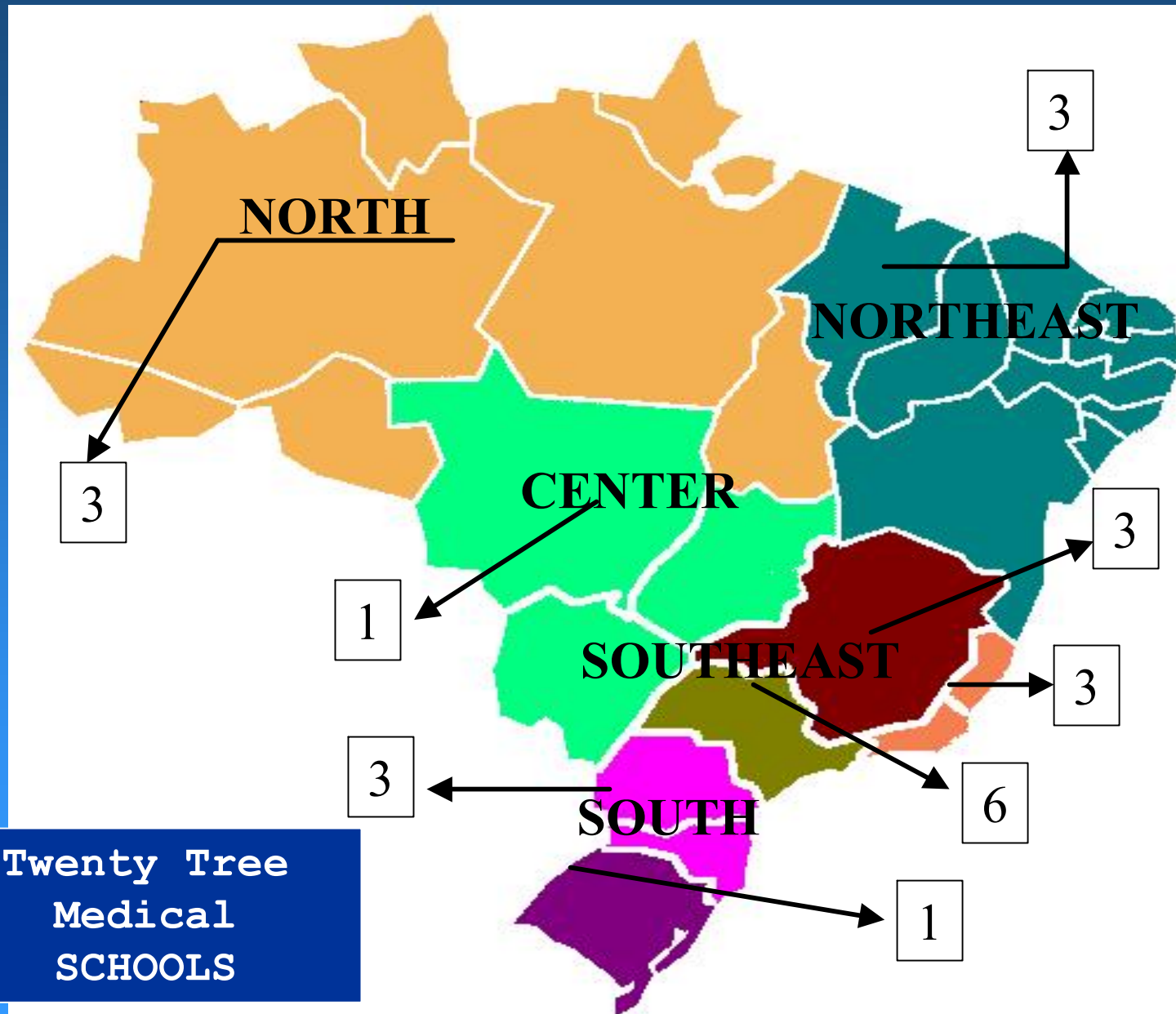
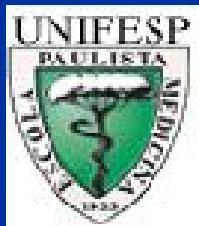
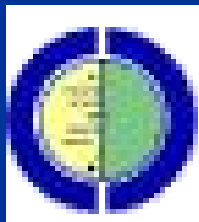


REGULAR COURSE

EVIDENCE BASED EMERGENCY
MEDICINE – PROBLEM BASED
LEARNING STRATEGY



MAPPING EVIDENCE BASED MEDICINE TEACHING AS PART CURRICULUM OF MEDICAL SCHOOLS IN BRAZIL - MD THESIS



Twenty Tree
Medical
SCHOOLS

**ONLINE COURSE
SYSTEMATIC REVIEWS**

Number of Accesses

90.240

ONLINE COURSE SYSTEMATIC REVIEWS



LABORATÓRIO DE REDES DE COMPUTADORES

Departamento de Informática em Saúde

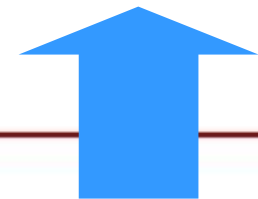
Rua Botucatu, 862 CEP 04023-062 - Tel.: (11) 5576-4521 / 5574-5234

Número de acessos à página

URL: <http://www.virtual.epm.br/cursos/metanalise/>

	Internos	Externos	Geral
Hoje (19/10)	7	45	52
no mês	17	972	989
Total (desde 12/2000)	12705	77535	90240

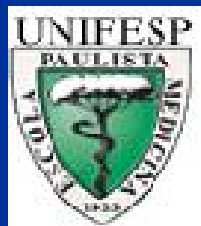
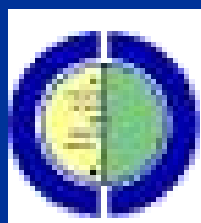
 voltar para página de origem



<http://www.virtual.epm.br/cursos/metanalise/>

COCHRANE LIBRARY FOR FREE

1998 – PAHOS / CAPES

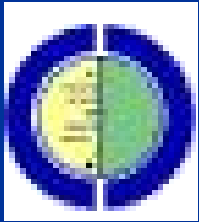


bvs  **Cochrane BVS**

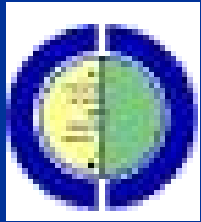
 
BIREME OPAS OM

Rede	Pesquisa	Destaques e Notícias
 Colaboração Cochrane	Entre uma ou mais palavras <input type="text"/> <input type="button" value="Pesquisar"/>	The Cochrane Health Promotion & Public Health Field to register as Public Health Review Group
 Centro Cochrane do Brasil	Coleções Cochrane na BVS The Cochrane Library Coleção de fontes de informação de boa evidência em atenção à saúde, em inglês. Inclui as Revisões Sistemáticas da Colaboração Cochrane, em texto completo, além de ensaios clínicos, estudos de avaliação econômica em saúde, informes de avaliação de tecnologias de saúde e revisões sistemáticas resumidas criticamente.	Novo Portal Cochrane BVS amplia acesso às fontes de evidências
 Centro Cochrane Ibero-Americano e Rede Cochrane	Biblioteca Cochrane Plus BCP é uma coleção adicional à Cochrane Library, produzida pela Rede Cochrane Ibero-Americana. Inclui as revisões sistemáticas Cochrane, com textos completos traduzidos ao espanhol e outras fontes exclusivas	 XV Cochrane Colloquium 2007 Novidades de la Red

<http://cochrane.bvsalud.org/portal/php/index.php?lang=pt>



1,000,000 ACCESS PER YEAR
CENTRAL SOUTH AMERICA
ABOUT 600,000 FROM BRAZIL



APM ON
TV

~
≈ 1000 Shows

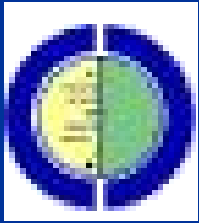
PRIME TIME
OPEN CHANNEL
NATIONAL BROADCAST
TELEVISION PROGRAM

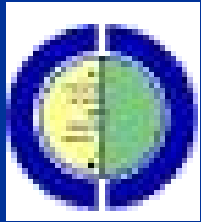
EVIDENCE BASED

MEDICINE

APM ON

TV



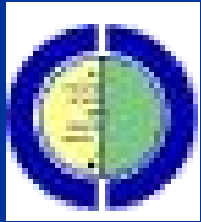


- Format Talk Show:
- Features
- Continuous Medical Education
- Invited participants
Opinion Leader Faculties
- Agreement : express
evidence based statements





- EBM Training MD Interviewer



- References written on video

- Prohibition of commercials about Tobacco, Drugs, Health Care Companies during the show



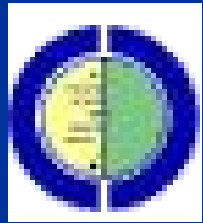


A aventura de viver a natureza
com conforto e segurança.





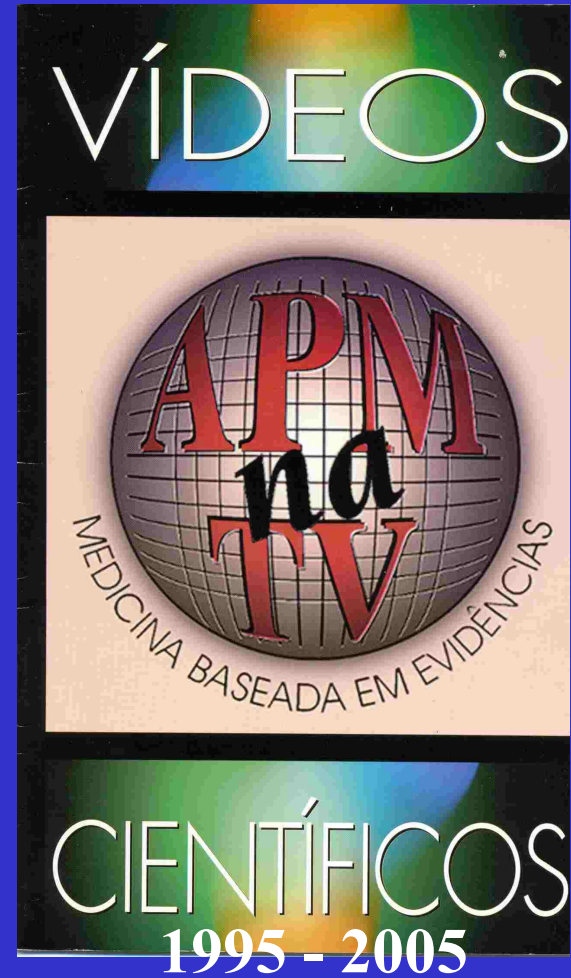
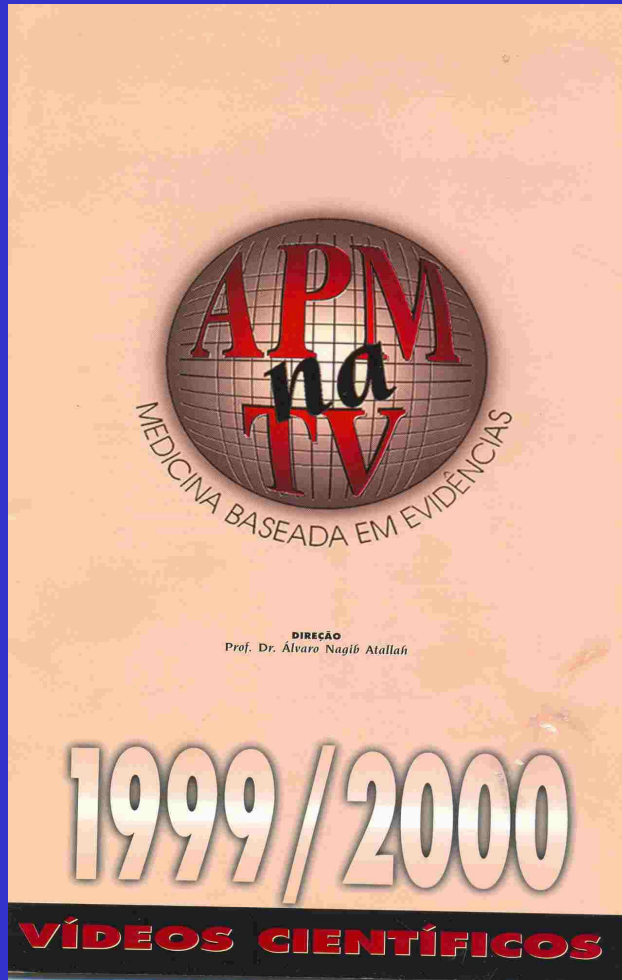
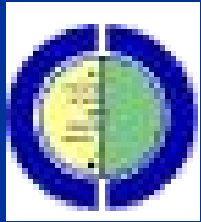
Evaluation of the Audience



95% rank excellent or
good

n = 2005 doctors





APM ON TV

EVIDENCE BASED MEDICINE

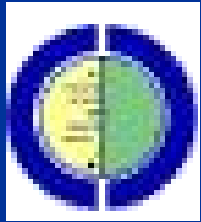
TRANSMISSION

SATURDAY and SUNDAY 21h to 22h

REDE MULHER DE TELEVISÃO

REDE VIDA

TV ASSEMBLÉIA



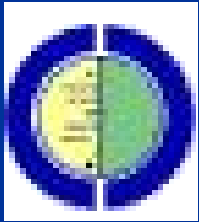
APM ON TV

EVIDENCE BASED MEDICINE

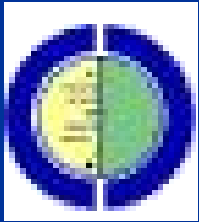
TRANSMISSION

SATURDAY and SUNDAY 21h à 22h

- ✓ Canal 42 UHF
- ✓ NET
- ✓ TVA
- ✓ Parabolic (Brazil e Mercosul)
12 millions antennas



EVIDENCE BASED MEDICINE TV SHOW

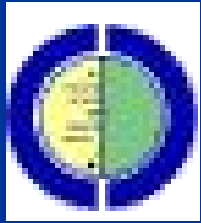


CONTINUOUS MEDICAL EDUCATION
AT HOME

(Programs can be purchased or rented at – Videoteca
APM)



<http://www.apm.org.br>



APM SCIENTIFIC Videotec

50 Cities

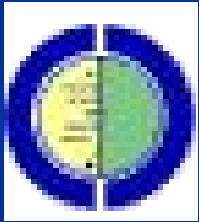


**Distribution Centers
of DVD's**

HISTORY OF THE PROGRAM



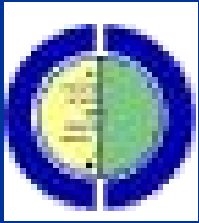
- ✓ BRAZILIAN COCHRANE CENTRE/
ASSOCIAÇÃO PAULISTA DE MEDICINA
- ✓ 1995- 2005
- ✓ 1000 PROGRAMS TRANSMITTED AND RECORDED
- ✓ 86 CHIEF PROFESSORS
- ✓ 1 a 2.000.000 MILLIONS SPECTATORS
- ✓ 79% BRAZILIAN DOCTORS AND PART OF PARAGUAY AND BOLIVIA WITH ACCESS TO PROGRAM



THE PROGRAM

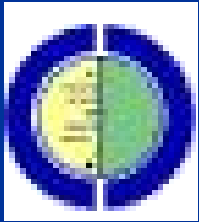
EACH THEME:

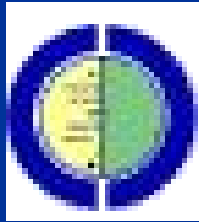
- ✓ PRESENTED FOR 25min;
- ✓ COMMENTED FOR 20 min BY A SPECIALIST
- ✓ ANSWERS QUESTIONS FOR 15 min



THEMES

- ✓ ANESTESIOLOGY
- ✓ SURGERY
- ✓ CLINICAL MEDICINE
- ✓ GINECOLOGY AND OBSTETRICS
- ✓ NEUROLOGY
- ✓ EVIDENCE BASED MEDICINE
- ✓ PEDIATRIC
- ✓ PSICHIATRY
- ✓ GENERAL THEMES
- ✓ INSTITUCIONALS





SÃO PAULO Evidence-based medicine secures top TV slot

A nationwide TV show is making evidence-based medicine surprisingly popular in Brazil. The programme is watched regularly by 20 000 doctors—about 10% of the country's total—according to a survey that will be presented in October at the 6th International Cochrane Colloquium in Maryland, USA. In addition, 51% of doctors watch the show when possible or when the subject is relevant for them. And among those doctors who watch it, 94% said the programme was good or excellent.

The programme, *Medicina Baseada em Evidências*, was created 3 years ago by the Brazilian Cochrane Centre and the São Paulo Medical Association. Transmitted initially on weekdays, it now has primetime Saturday and Sunday scheduling. The show is presented by an evidence-based-trained

doctor, who interviews experts on medical topics. The experts are instructed by Cochrane Centre director Alvaro Atallah to avoid subjective information and to cite only accepted data. References, provided by the experts, appear on screen during the programme.

More than 500 programmes have been recorded, and 86 full professors from major universities have presented hard scientific evidence to the public. "This is another very positive aspect: dozens of medical opinion makers have been trained in evidence-based speaking", says Atallah, who is also head of Internal Medicine at the Universidade Federal de São Paulo.

Another preliminary survey suggests that two million people watch the programme regularly. Although there is no available data about its impact on the general public, the

programme's popularity has helped its creators to obtain long-term financial support.

Broadcast via UHF, cable, and satellite, the programme reaches doctors nationwide. According to the survey, 79% of doctors are able to access it. "In a developing country like Brazil, with its regional differences and difficulties, this is a reasonably cheap way to cover medical scientific gaps", says Atallah. The show is also broadcast via satellite to Argentina, Uruguay, and Paraguay.

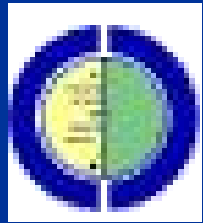
Recorded copies of programmes are also popular. Healthcare providers, medical associations, medical schools, pharmaceutical companies, and first-line hospitals have bought either single programmes or the whole series.

Claudio Csillag

THE LANCET – Vol..352 . August 8, 1998



DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH 2006-2008



SÍRIO LIBANÊS HOSPITAL
BRAZILIAN COCHRANE CENTRE

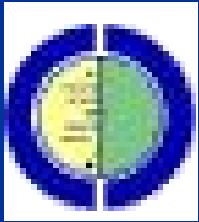
NATIONAL HEALTH
SURVEILLANCE AGENCY –
ANVISA

Hospital
SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH

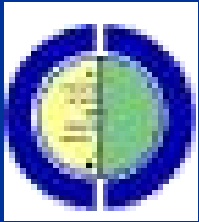
TWO TECHNOLOGIES:

- MULTIPOINT VIDEOCONFERENCING SYSTEM
- INTERNET ACCESS



Hospital
SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH 2006



➤ 5 Brazilian cities:

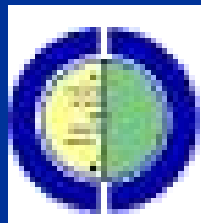
(Belém, Manaus, Natal,
Fortaleza and Cuiabá)

➤ 180 ANVISA health
Professionals in activity



Hospital
SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH 2007



Hospital SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

HOSPITAL SÍRIO-LIBANÊS IEP - INSTITUTO DE ENSINO E PESQUISA FILANTROPIA E AÇÃO

Curso Saúde Baseada em Evidências
PARCERIA ANVISA

PACIENTES E ACOMPANHANTES
MÉDICOS / PROFISSIONAIS DE SAÚDE
CLIENTES CORPORATIVOS
PROFISSIONAIS DE IMPRENSA
COMUNIDADE E GOVERNO
FORNECEDORES

IEP - INSTITUTO DE ENSINO E PESQUISA

Tour Virtual

Estou interessado em: ESPAÇO DO AL

Home » IEP » Ensino » Telemedicina

Telemedicina

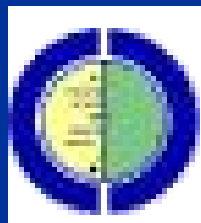
A Telemedicina é a prática da medicina através de recursos de comunicação audiovisual entre médicos, pacientes e pesquisadores nas áreas assistenciais, educacionais e de Seguindo este princípio, foi criado em outubro de 1999 o Serviço de Telemedicina do Hos Libanês, posteriormente incorporado em 2003 ao Instituto de Ensino e Pesquisa par inovação à sua metodologia de educação.

Desde o princípio, o foco de atuação Educacional e de Pesquisa tem o objetivo de pr atualização e aprimoramento dos profissionais da área de saúde por meio da aplicaçã variados recursos tecnológicos e interativos. São eles: a distribuição de aulas; na lestrac

EVIDENCE-BASED HEALTH CARE

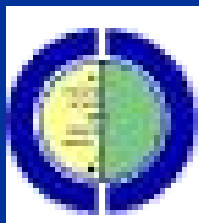


ANVISA'S NATIONAL NETWORKS OF 90 REGIONAL HOSPITALS USE OF MEDICATION NETWORK



EVIDENCE-BASED HEALTH CARE COURSE IN 2007:

Hospital
SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS



Ministério da Saúde
Agência Nacional
de Vigilância Sanitária

Hospital
SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

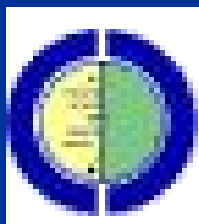
James Lind, 1753.

*Ensaio Clínico
Controlado para
o Tratamento do
Escorbuto*



*Gravura: Lendas das
Aventuras de Alexandre*





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SírioLibanês
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HOSPITAL SírioLibanês

São Paulo Brasil









09/08 Curso de Extensão
Saúde Baseada em Evidências

Hospital
SírioLibanês
INSTITUTO DE ENSINO E PESQUISA

Tipos de Estudo

- Diagnóstico
- Estudos de acurácia
- Tratamento
- Ensaios clínicos randomizados
- Prognóstico
- Estudos coortes
- Profilaxia
- Ensaios clínicos randomizados

Revisão Sistemática da Literatura

Estudos de custo-benefício
Protocolos clínicos para a prática clínica
Estudos de variação terapêutica

00:00:05/01:54:04

TELA CHEIA

1MIN PAUSE 1MIN

TÓPICOS REVER CHAT DÚVIDAS

mesma?
Rodolfo: Serão encaminhadas ao professor para resposta posterior.
Hospital de Messejana Dr. Carlos Alberto Studart Gomes CE: Dr Álvaro e equipe, obrigada pelo aprendizado de hoje!
Vigilância Sanitária de Canoinhas/SC: obrigada adorei a aula parabéns!
Maternidade Escola Januário Cicco (UFRN): Boa tarde a todos.
Hospital dos Servidores do Estado RJ: adoramos a aula -
Hospital de Messejana Dr. Carlos Alberto Studart Gomes CE: LembremUmos que os alunos ainda ã receberam suas senhas, assim como ã temos o cronograma definitivo.
Hospital de Messejana Dr. Carlos Alberto Studart Gomes CE: Um abraço a todos
Rodolfo: Messejana, ligue para a Bruna na Telemedicina, 11-3155-1244
Rodolfo: Terminamos a aula!

TELA CHEIA

SLIDES MATERIAL EXTRA FICHA TECNICA ENQUETE

AJUDA

SAIR





Weinstein 1974

...randomised trial with ...ents can ...ally change phys... behaviour, ... the exp... elec...

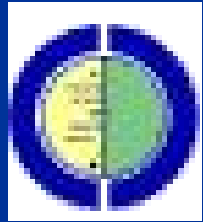
IEP: ISBN: 7801302001 LAN: 200.133.220.10

Alameda
Doc. Carr.

HOSPITAL SírioLibanês



DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH

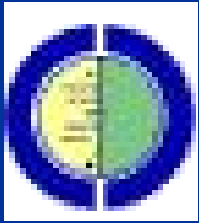


VIDEOCOFRERENCE- VC
VIDEOSTREAMING - VS



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DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH



✓ Beginning 02/08/2007 to 31/07/2008

50 Tutors – 1 Tutor per 40 Participants

✓ 1900 Health Professionals

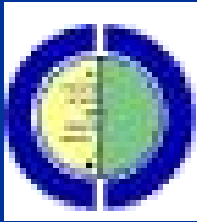
✓ 90 Hospitals of ANVISA's sentinel network
for the rational use of medications



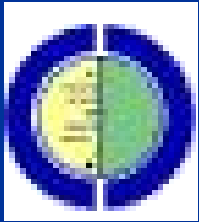
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DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH

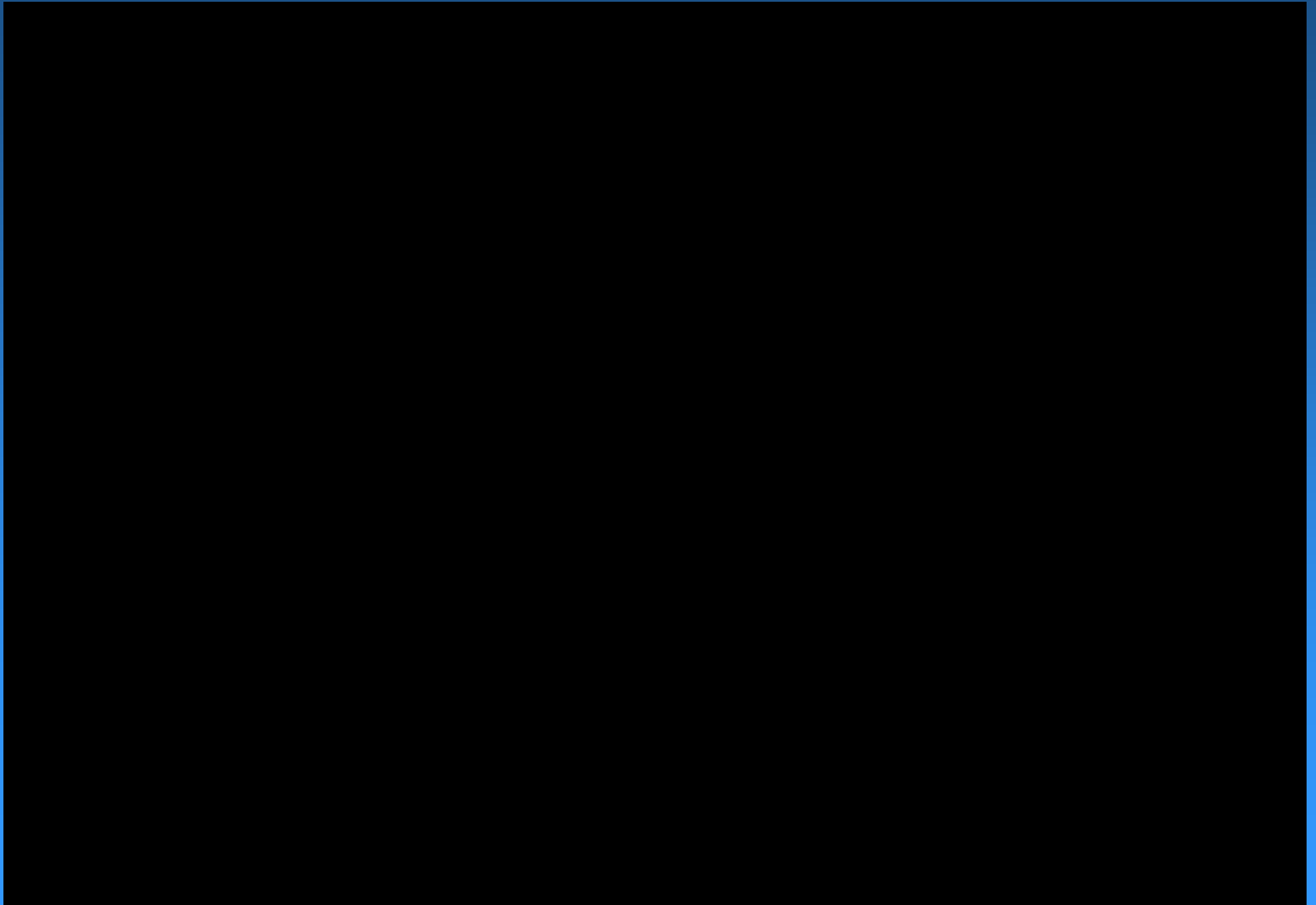
- ✓ 37 classes emphasizing Systematic Reviews – Cochrane Library – Clinical Research Methodology and Critical Appraisal - HTA
- ✓ 2 hours each
- ✓ 20 minutes questions per video-conference
- ✓ Weekly forum with 50 tutors
- ✓ Exam at the end of each module



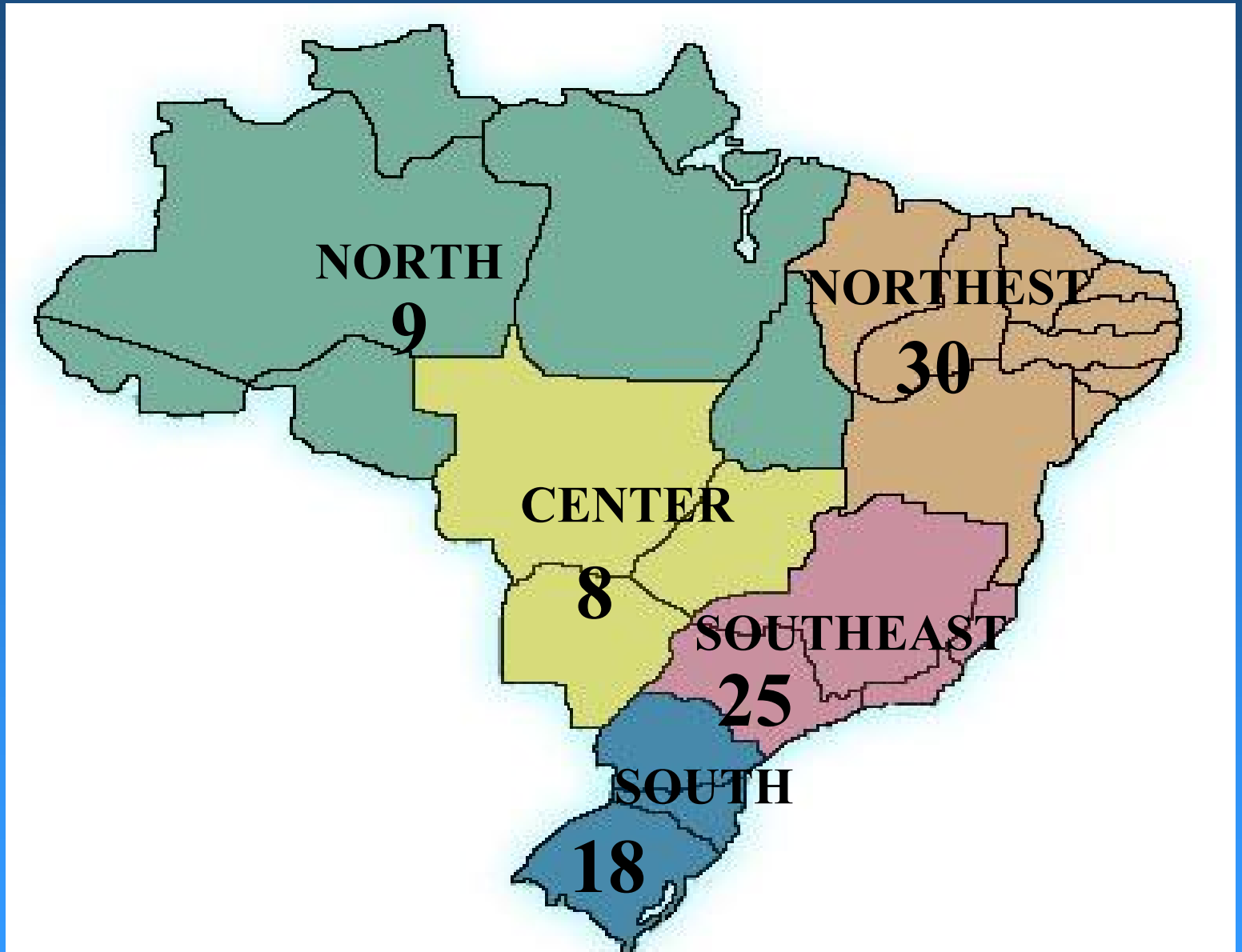
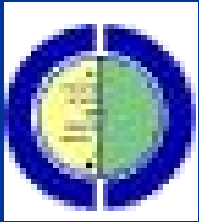
DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH



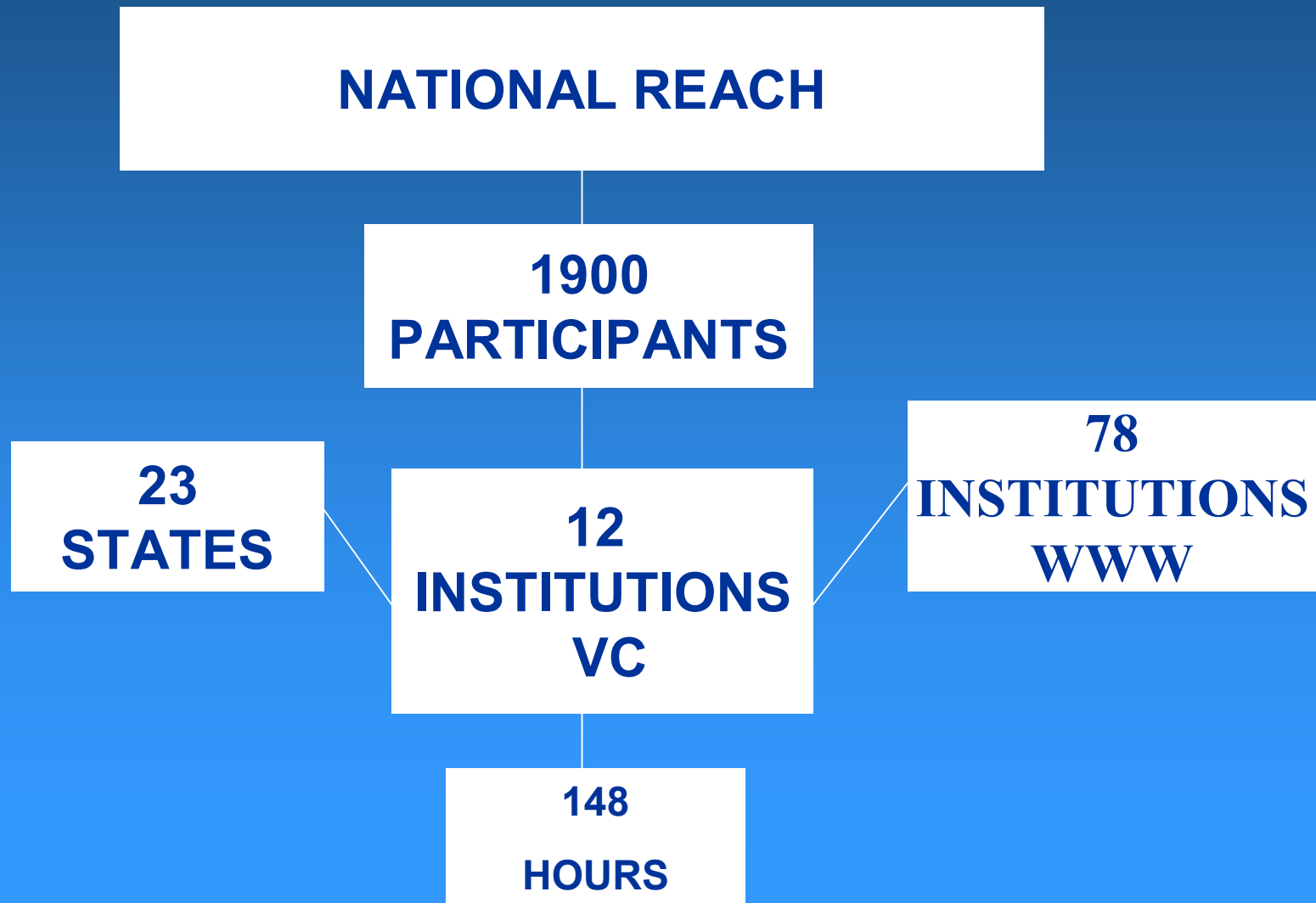
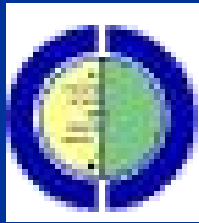
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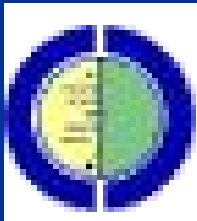
MAP WITH DISTRIBUTION OF 90 HOSPITALS PER BRAZILIAN REGION



DISTANCE EDUCATION FOR EVIDENCE-BASED HEALTH



DISTRIBUTION OF STUDENTS PER STATE



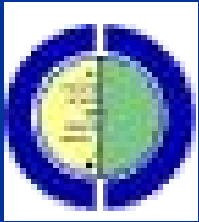
Ministério da Saúde

Agência Nacional de Vigilância Sanitária

Hospital SírioLibanês
SOCIEDADE BENEFICENTE DE SENHORAS

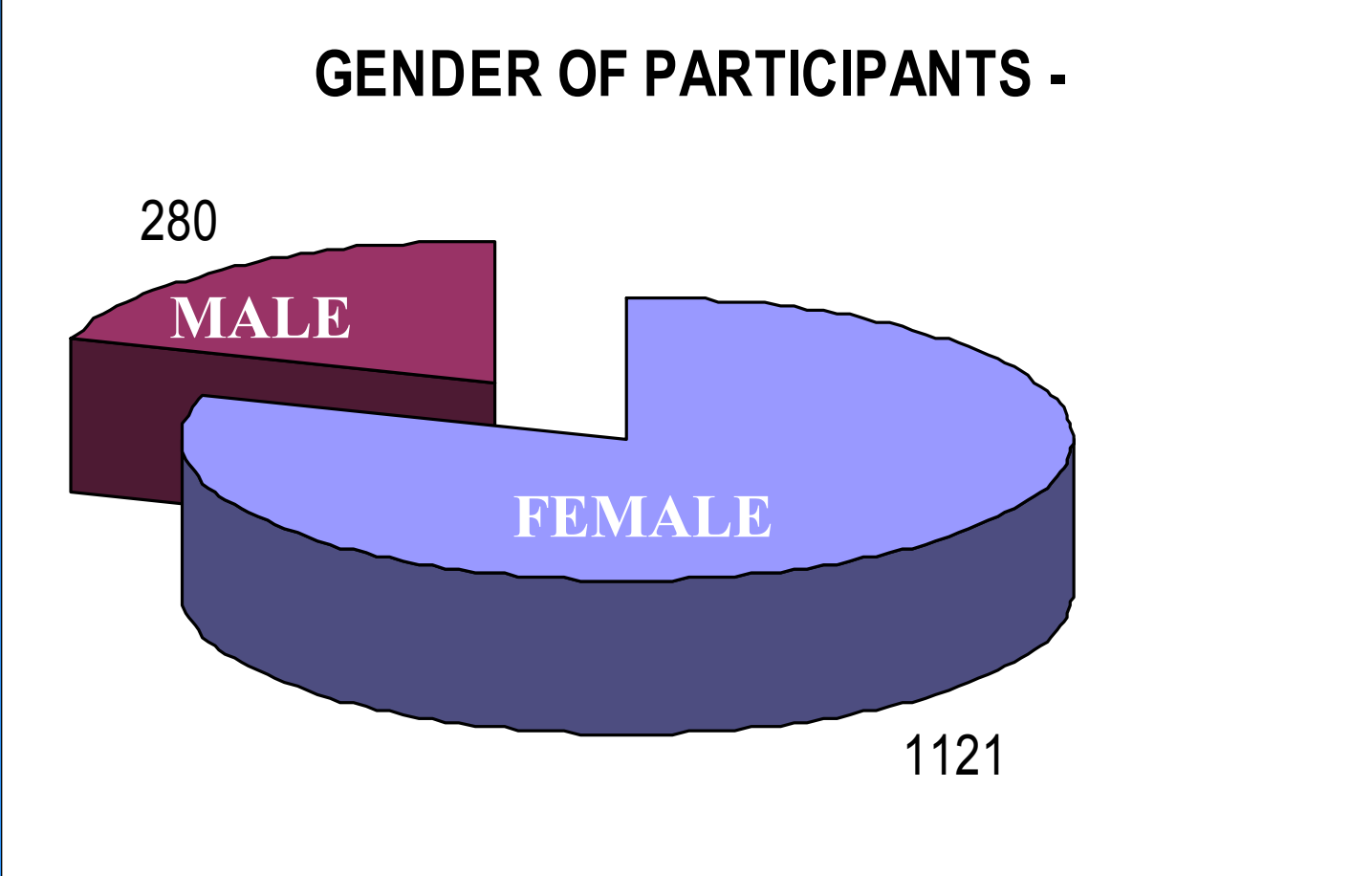


1401 PARTICIPANTS

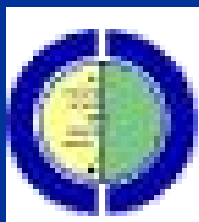


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Agência Nacional
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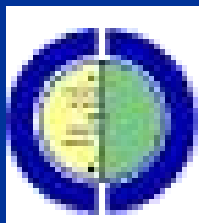
1401 PARTICIPANTS PROFESSION



NURSES	454
PHARMACYSTS	283
DOCTORS	207
PHYSICAL THERAPISTS	59
SOCIAL WORKER	33
NUTRICIONISTS	30
BIOLOGIST, BIOMEDIC, PHONOAUDIOLOGISTO, ADMINISTRATOR, ENGINEER	159
NO INFORMATION	176

FREQUENCY OF PARTICIPANTS IN CLASS

DATE	FREQUENCY
2/8/07	93%
9/8/07	86%
16/8/07	87%
23/8/07	87%
30/8/07	86%
6/9/07	88%
13/9/07	84%
20/9/07	82%
27/9/07	87%
4/10/07	81%
11/10/07	76%

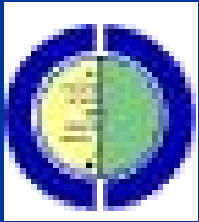


RESULTS OF POLL

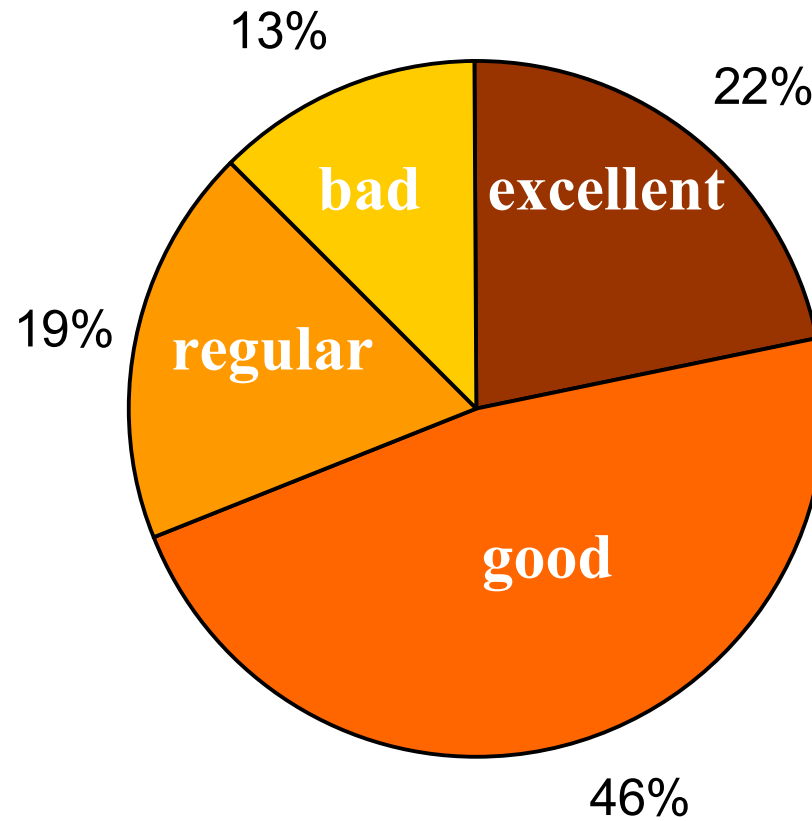
18/10/2007

LIVE

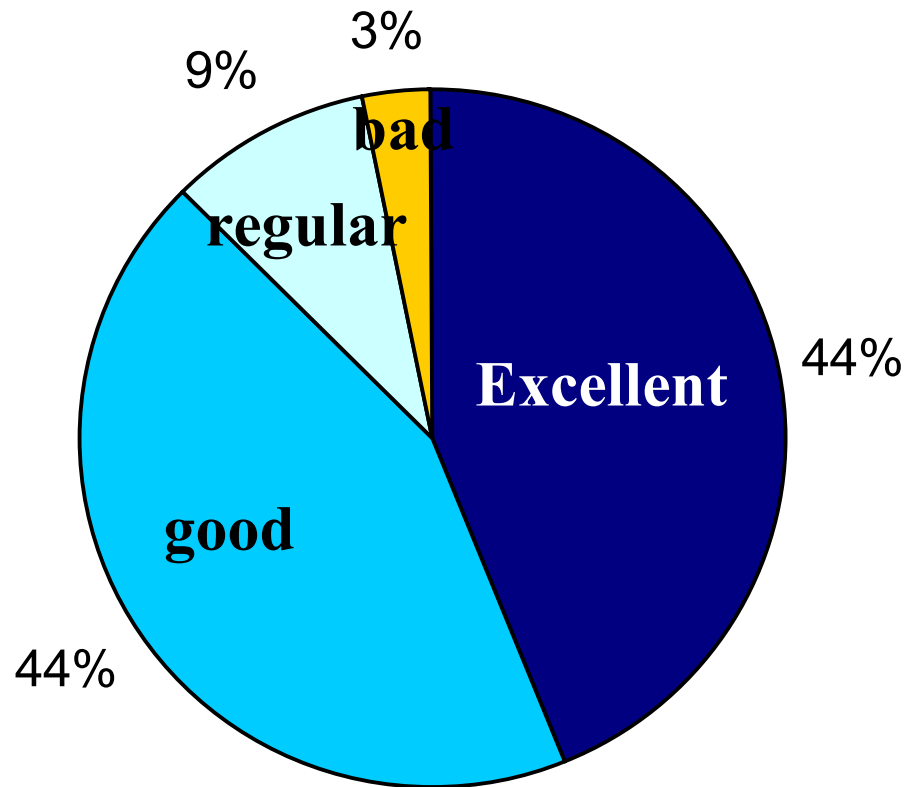
- 352 PARTICIPANTS
- 32 INSTITUTIONS
(58 POINTS TOTAL)



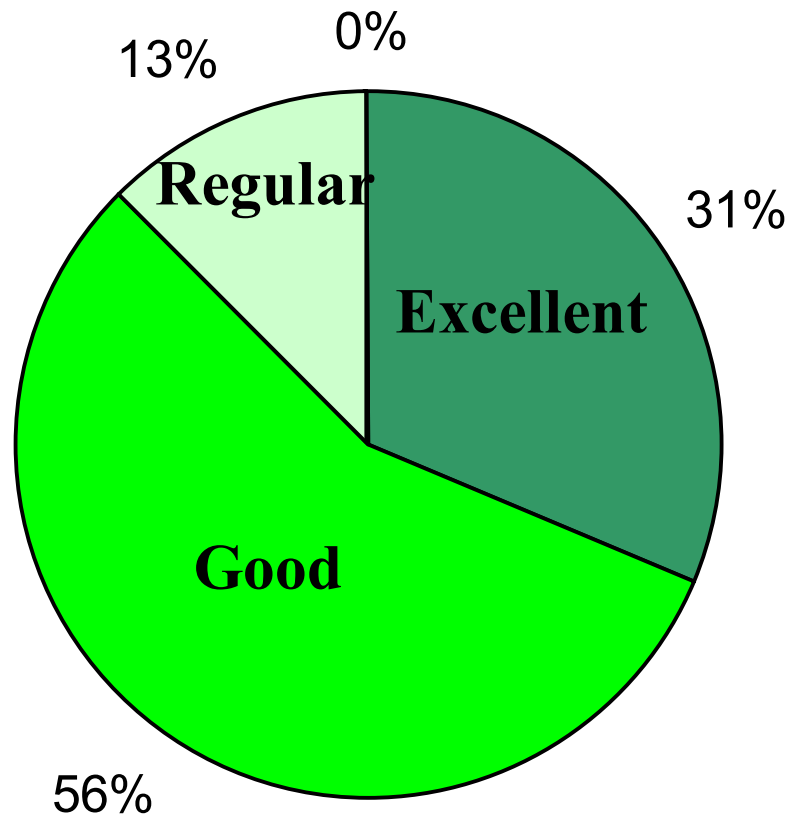
2) Ease of use to participate in chat



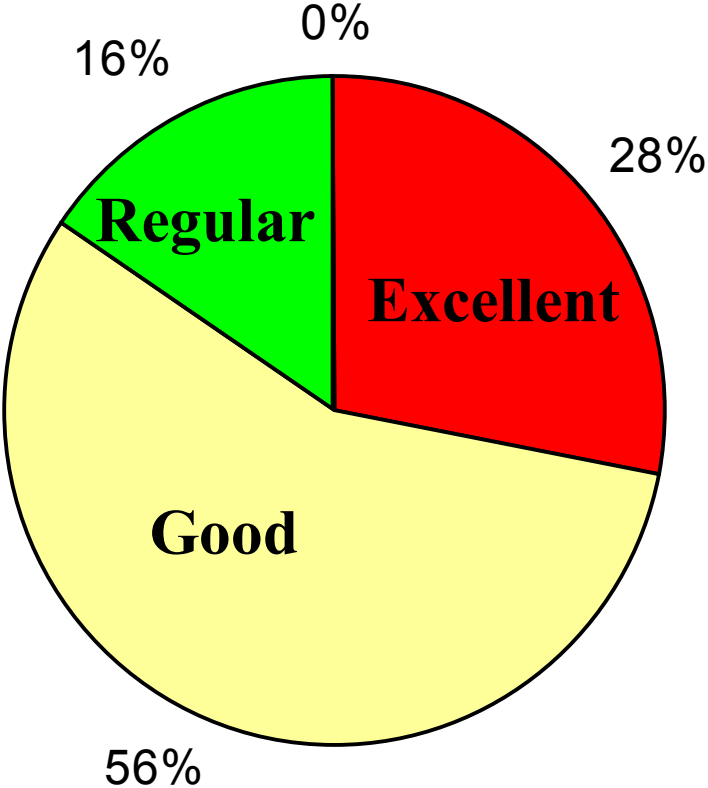
3) Quality of transmission



4) Sincrony of voice and slides



5) Program quality: applicability of contents in your work



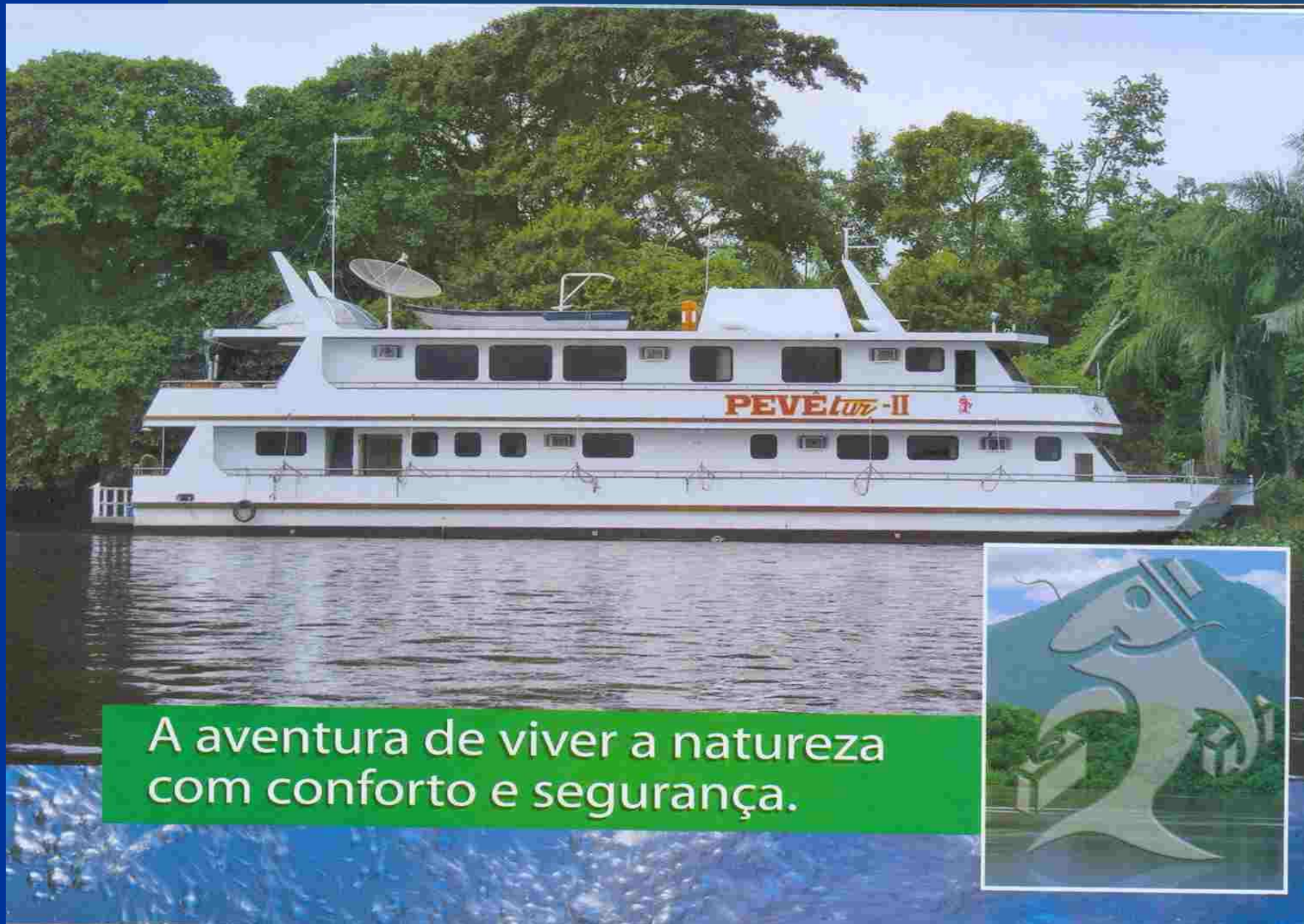


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A aventura de viver a natureza
com conforto e segurança.





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