

● 病院概要

施設概要、診療科目など | 施設・認定機関一覧 |

指定・承認項目、施設基準、保険診療適用外項目 |

病院は、天理よろづ相談所病院本院、白川分院、別所分院の3医療機関から成り、医学研究所とともに身上部に属します。

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■電話番号	大代表 0743(63)5611 FAX 0743(62)5576
■開設年月日	昭和 41 年4月1日
■施設概要	<p>本院:許可病床数 815 床 (一般病床 815 床)</p> <p>敷地面積 20,230 平方m、建設面積 10,097 平方 m、延床面積 66,431 平方 m</p> <p>白川分院:許可病床数 186 床(療養病床 100 床、精神病床 86 床) (平成 15 年7月7日 開院)</p> <p>別所分院:許可病床数 30 床(結核病床 30 床)</p>
■診療科目等	<p>総合内科、呼吸器内科、循環器内科、消化器内科、血液内科、神経内科、内分泌内科、心療内科、小児科、精神神経科、皮膚科、腹部一般外科、呼吸器外科、脳神経外科、心臓血管外科、整形外科、形成外科、産婦人科、眼科、耳鼻咽喉科、泌尿器科、腎透析科、麻酔科、放射線部(診断部門、治療部門、MRセンター、RIセンター)、歯科、歯科口腔外科</p>
各部署のご紹介はこちら です	<p>総合診療教育部、臨床病理部、集中治療室、薬剤部</p> <p>血液浄化センター、糖尿病センター、内視鏡センター、小児科循環器センター、小児科アレルギーセンター、リハビリテーションセンター、健診センター</p>
■医師数	医師 215 名(レジデント 48 名を含む) (平成 15 年 7 月 1 日現在)

医学研究所には医学図書館が付設されています。

世話部は在宅世話どりセンターを持ち、在宅医療にあたっています。

病院の特徴

「全人医療の草分けと自負しています」 高機能病院としての使命を果たします」

「総合診療方式による独自のレジデント制度」

■ 総合診療方式による独自のレジデント制度

(2004年卒後臨床研修プログラム PDF 版はこちらへ)

当院では昭和51年、全国に先駆けて総合診療方式による研修制度をスタートさせました。従来の専門科をローテートする研修方式では、臓器別の診療になり、総合的に患者様を診るトレーニングにはならないという反省から生まれたものです。

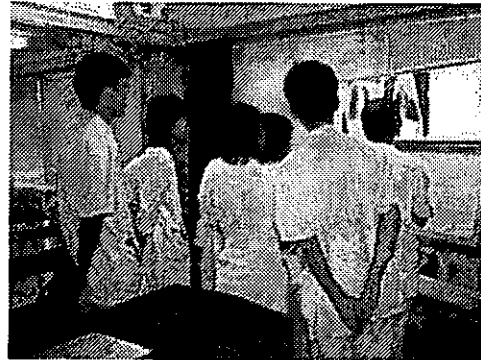
レジデントの研修の中心となる総合病棟には、内科各科や腹部一般外科などの患者様が入院します。研修医は総合病棟で同時にいろいろな患者様を各専門科の指導医と受け持ちます。

また、当初は狭心症で入院した患者様でも何かほかの病気が見つければ、総合病棟で開かれるほかの専門科のカンファレンスに症例を呈示します。そうすれば、各専門科の部長から検査や治療に関する適切な指示がもらえます。研修医は自分で新たな問題点を見つけて自分で解決していくわけです。

各専門科をローテートする研修方式の場合、循環器内科で糖尿病が見つかったら内分泌内科に受診し、あとはその科に任せることとなります。ところが、総合診療方式だと、循環器的な問題が解決しても、患者様はそのまま総合病棟に入院したままで、所属する科が内分泌内科に変わるだけです。受け持ちの研修医はそのまま、糖尿病のコントロールができるまで受け持ち医から外れません。

こうして、総合病棟での研修は、多角的に診ることで自然に総合診療的な能力が身につきます。それだけでなく、問題を発見して解決がつくまで一貫して受け持ち医として担当することで問題解決能力も養われるわけです。

総合診療教育部のスタッフは私を含めて3名です。直接レジデントの教育にもあたるほかに、研修医の受け持ち患者様の調整、研修環境のチェック、研修プログラムの立案などの仕事にかかわっています。



総合診療教育部部長

都 義明

この10年間で医学に関する知見は飛躍的に増加しました。

私たちの時代に5年かかって習得したことを今の時代には2年でマスターできるようにしなければ、時代のニーズに対応できません。エッセンスをいかに上手に教えるか、教育のスキルが、私たちに一層強く求められています。これからは医師の中にも勝ち組と負け組が出てきます。臨床をやるならきちんとした臨床能力を身につけておかなければなりません。逆にそれがあればどこでも通用します。当院でぜひ、本物の臨床能力を磨いてください

●教育に関する行事

教育講義……週2回、1時間30分、年間約80回。1年次ジュニアレジデントを対象に、専門科スタッフやシニアレジデントが行う。早朝症例カンファランス毎朝7時半から1時間、ティーチングスタッフやシニアレジデントを交えて総合病棟入院症例中心にディスカッションする。レジデントが自分自身の診療方針を持ち、スタッフのコンサルテーションを受けられるようになるのが目標である。

RCB(Resident Coffee Break)……週1回、レジデント関係者全員が集まり、ジュニアレジデントとシニアレジデント各1題の研究発表を行う。引き続き行われる連絡会は各種連絡事項の伝達のほか、レジデントに関わる重要事項についての討論、決定の場。

胸部X線カンファランス……隔週1回約1時間、ジュニアレジデントのための、胸部X線の読影トレーニング。

外科術後カンファランス……毎週土曜日の外科回診後に行う。レジデント自身の司会で問題症例の検討、文献抄読、月間入退院症例の概括などを行う

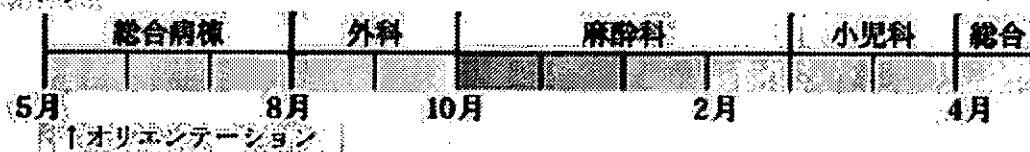
CPC…病理部門の全面的な協力、援助のもとレジデントが中心になって企画運営し、年数回開催。

医学英語教室(準公式カリキュラム)…週1回外国人講師を招いて開催。

●研修スケジュール(例)

総合病棟研修(主として内科) 11ヶ月、麻酔科研修 4ヶ月、外科研修(腹部外科あるいは呼吸器外科) 2ヶ月、小児科研修 2ヶ月、ICU・循環器科研修 2ヶ月、精神科研修 1ヶ月、産婦人科研修 1ヶ月、診療所研修 1ヶ月など

1年次



2年次



●勤務時間及び処遇(平成13年度)

勤務時間:8時30分～17時

※ただし、レジデントは24時間オンコールの精神で研修に務めるものとする。

社会保険:研修期間中は健康保険、厚生年金保険及び雇用保険に加入

宿舎:独身者はレジデント専用宿舎に入居するのが原則(有料)。

食事:院内職員食堂を利用(有料)

●研修修了後の進路

当院にはシニアレジデント制度があり、内科系3年間、外科系4年間の臨床を中心とした専門医教育のプランもあわせて実施している。ただし、臨床研修修了後シニアレジデントに進むには、改めて採用試験を受けなければならない。

平成 17 年度 ジュニア・レジデント 募集要項

施設見学ならびに選抜試験を以下の予定で行います

■施設見学(応募締切 H16.6.30)

実施日 平成 16 年 7 月 18 日(日)午前 10 時集合

■選 抜 試 験

●応募の資格:

平成 17 年 3 月に大学医学部または医科大学を卒業し、

医師免許取得見込みの者

●研修契約: 医師法に基づく研修2ヵ年としてそれぞれ1年ごとに契約更改を行う。

●募集人員: 12名

●研修プログラムの概要

・総合病棟研修(主として内科)	11ヶ月
・麻酔科研修	4ヶ月
・外科研修(腹部外科あるいは呼吸器外科)	2ヶ月
・小児科研修	2ヶ月
・CCU・循環器研修	2ヶ月
・精神科研修	1ヶ月
・産婦人科研修	1ヶ月
・診療所研修	1ヶ月
・救急外来研修	2年間を通じて、 月3-4回の当直

● 医学図書館



■ 概要と特徴

医学の進歩は病気の原因究明から治療に至るまで、新しい知識と技術革新を日夜もたらしめています。これらをいち早く臨床に役立てるため、当図書館は国際誌をはじめとした質の高い蔵書群、インターネットを利用したオンラインジャーナルや文献検索システムを備えスタッフに提供しています。さらに、当館は医科大学および大学医学部の図書館を中心に構成される日本医学図書館協会に加盟している数少ない病院図書館で、医科大学並みの質・量を自負しています。

■ 蔵書

蔵書数は5万冊余。医学関係受け入れ雑誌タイトル数は700誌余(欧文誌約400誌、和文誌約300誌)で、常に新しい医学情報の提供に努めています

■ 利用される方

利用者は医師、薬剤師、看護師、医療技師などの職員のほか、附設の天理看護学院、天理医学技術学校の教職員・学生、主治医の許可を得た患者さん、地域の医療従事者など合わせて総数2,000人余です。

資料

平成 15 年度

長野県・農村保健研修センターにおける
臨床研修医を対象としたEBM講習会
の概要

国立長野病院副院長

武藤 正樹

長野県・農村保健研修センターにおける臨床研修医を対象としたEBM講習会の概要

分担研究者、武藤正樹氏(国立長野病院副病院長)が中心となって、長野県下の主な研修病院から16~18名の研修医を募って、佐久総合病院関連の農村医学研修センターにおいて1日半の講習会(ワークショップ)を実施した。

この講習会においては研修医のみならず、中堅指導医層も参加して研修医と同様のグループワークに参加し、EBMの実際を体験した。主目的は、研修医対象の中級コースであったが、一部、指導医買収集会の要素も加味された。

また、この講習会に参加することによって研修指導医相互の親睦が図られたことも参加者の間で講習会の評価が高かった一要因となったと思われる。

付録

EBM実践のための英文文献 および インターネット・サイト(英語版)

From :
Resources for Practicing Evidence-based Medicine (“IntensiveCare.com”)

PedsCCM and IntensiveCare.com: Resources for Practicing Evidence-based Medicine

What is Evidence Based Medicine?

What is EBM?

Critical Appraisal of
the Literature

Statistics
and Trial Design

Systematic Reviews

EBM in Critical Care

EBM Groups on
the Web

EBM Databases

MEDLINE Search
Strategies

Pediatric and General
Online Journal Clubs

Teaching Resources
&

Tutorials

- Evidence-based medicine: a new approach to teaching the practice of medicine (also at JAMA 1992; 268: 2420-25)
- Evidence-based medicine: What it is and what it isn't, by David Sackett from the NHS (UK) Research and Development Centre for Evidence-Based Medicine
- Evidence-based Medicine: A New Science or an Epidemiologic Fad? Bauchner H. Pediatrics 1999; 103: 1029-1031. [Full-text for AAP members/subscribers]
- Glossary of EBM Terms also from the NHS (UK) Research and Development Centre for Evidence-Based Medicine
- The Medical Literature as a Resource for Evidence Based Care, by McKibbin, K. A.
- Medicine based evidence, a prerequisite for evidence based medicine. Knottnerus JA, Dinant GJ. Br Med J 1997; 315: 1109-10. (full-text editorial)
- Clinical Epidemiology & Evidence-Based Medicine Glossary, from Washington State University College of Veterinary Medicine
- Werk L, Bauchner H, Chessare JB. Medicine For The Millenium: Demistifying EBM. Contemporary Pediatrics December 1, 1999. [full-text with free registration]
- Christakis DA, Davis R, Rivara FP. Pediatric evidence-based medicine: Past, present, and future. J Pediatr 2000;136:383-389. [citation] [full-text for subscribers]. Accompanied by an editorial by Moyer VA, Elliott EJ. J Pediatr 2000;136:282-4. [full-text]
- Qualitative research and evidence based medicine. Green J, Britton N. Br Med J 1998; 316: 1230-1232.
- Ethics and evidence based medicine. Kerridge I, Lowe M, Henry D. Br Med J 1998; 316: 1151-1153
- Jadad AR, Haynes RB, Hunt D, Browman GP. The Internet and evidence-based decision-making: a needed synergy for efficient knowledge management in health care, Can Med Assoc J 2000;162(3):362-5 [full-text]
- Straus SE, McAlister FA. Evidence-based medicine: a commentary on common criticisms. CMAJ 2000;163(7):837-41. [full-text]

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How to Critically Appraise the Medical Literature

User's Guide to Medical Literature;

A series from the Evidence-Based Medicine Informatics Project at McMaster University, available at: [The Canadian Centres for Health Evidence](#)

Now available as a reference book, CD, and handbook at: [Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice](#) ^{NEW}

How to use an article about:

- [Prognosis](#)
- [Therapy or Prevention](#)
- [Harm](#)
- [Diagnosis](#)
- [Clinical Utilization Review or Audit](#)
- [Outcomes Research](#)
- [Health-Related Quality of Life](#)
- [Economic Analysis of Clinical Practice](#)

How to use a:

- [Clinical Decision Analysis](#)
- [Clinical Practice Guideline](#)
- [Systematic Review or Overview](#)

And...

- [How to Decide on the Applicability of Clinical Trial Results to Your Patient](#)
- [A Method for Grading Health Care Recommendations](#)

Also see ...

- Users' Guides to the Medical Literature XXII: How to Use Articles About Clinical Decision Rules. McGinn TG, Wyer PC, Naylor CD et al. JAMA. 2000;284:79-84. [[full-text](#) for subscribers only]
- Users' Guides to the Medical Literature XX. Integrating Research Evidence With the Care of the Individual Patient. McAlister FA, Straus SE, Guyatt GH, Haynes RB et al. JAMA. 2000;283:2829-2836. [[abstract](#)] [[full-text](#) for subscribers only]
- Users' guides to the medical literature, XIX: Applying clinical trial results, A: how to use an article measuring the effect of an intervention on surrogate end points. Bucher HC, Guyatt GH, Cook DJ, et al.

JAMA 1999;282:771-778. [[citation](#)] [[full-text for subscribers only](#)]

- Users' Guides to the Medical Literature XIX. Applying Clinical Trial Results B. Guidelines for Determining Whether a Drug Is Exerting (More Than) a Class Effect. McAlister F, Laupacis A, Wells GA, et al. [[citation](#)] [[full-text for subscribers only](#)]
- Users' Guides to the Medical Literature XXI. Using Electronic Health Information Resources in Evidence-Based Practice. Hunt DL, Jaeschke R, McKibbon A. et al. JAMA 2000; 283:1875-1879. [[full-text for subscribers only](#)]
- Users' Guides to the Medical Literature XXIII. Qualitative Research in Health Care A. Are the Results of the Study Valid? Mita K. Giacomini; Deborah J. Cook; for the Evidence-Based Medicine Working Group JAMA. 2000;284:357-362. [[full-text for subscribers only](#)]
- Users' Guides to the Medical Literature XXIII. Qualitative Research in Health Care B. What Are the Results and How Do They Help Me Care for My Patients? Mita K. Giacomini; Deborah J. Cook; for the Evidence-Based Medicine Working Group JAMA. 2000;284:478-482. [[full-text for subscribers only](#)]
- Users' guides to the medical literature: XXIV. How To use an article on the clinical manifestations of disease. Richardson WS, Wilson MC, Williams JW Jr, Moyer VA, Naylor CD. JAMA. 2000;284(7):869-75. [[abstract](#)] [[full-text for subscribers only](#)]
- Guyatt GH, Haynes RB, Jaeschke RZ, Cook DJ, Green L, Naylor CD, Wilson MC. Users' guides to the medical literature: XXV. evidence-based medicine: principles for applying the Users' guides to patient care. JAMA. 2000;284(10):1290-6. [[abstract](#)] [[full-text for subscribers only](#)]

A complete list of the Users' Guides citations and links to full text on the web is available [here](#), courtesy of Henry Ford Hospital's [Sladen Library & Center for Health Information Resources](#)

An alternate complete Users' Guide listing is maintained at [UCSF](#) as well

How to read a paper:

A series in the [British Medical Journal](#) on database searching and article appraisal

- [The Medline database](#) Greenhalgh T. Br Med J 1997; 315: 180-4.
- [Getting your bearings \(deciding what the paper is about\)](#). Greenhalgh T. Br Med J 1997; 315: 243-6.
- [Assessing the methodological quality of published papers](#). Greenhalgh T. Br Med J 1997; 315: 305-8.
- [Papers that report diagnostic or screening tests](#).

Greenhalgh T. Br Med J 1997; 315: 540-544.

- Papers that tell you what things cost (economic analyses). Greenhalgh T. Br Med J 1997; 315: 596-600.
- Papers that summarise other papers (systematic reviews and meta-analyses). Greenhalgh T. Br Med J 1997; 315: 672-675.
- Papers that go beyond numbers (qualitative research). Greenhalgh T, Taylor R. Br Med J 1997; 315: 740-743.

Other resources

- How to Read a Medical Journal Article, from S. Simon at Children's Mercy Hospital [server temporarily not responding?]
- In Which Journals Will Pediatricians Find the Best Evidence for Clinical Practice? Birken CS, Parkin PC. Pediatrics 1999; 103: 941-947. [Abstract] [Full-text for AAP members/subscribers]. With an accompanying commentary: Evidence-based Medicine: A New Science or an Epidemiologic Fad? Bauchner H. Pediatrics 1999; 103: 1029-1031. [Full-text for AAP members/subscribers]
- DISCERN; a tool to evaluate clinical information publications, directed primarily to consumers of health care.

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Statistics and Trial Design for Clinicians

Fundamental concepts

Four articles published in the Canadian Medical Association Journal series cover Basic Statistics for clinicians: (full-text):

- Hypothesis testing. Guyatt G, Jaeschke R, Heddle N, Cook D, Shannon H, Walter S. Canadian Medical Association Journal 1995; 152:27-32.
- Interpreting study results: confidence intervals. Guyatt G, Jaeschke R, Heddle N, Cook D, Shannon H, Walter S. Canadian Medical Association Journal 1995; 152: 169-173.
- Assessing the effects of treatment: measures of association. Jaeschke R, Guyatt G, Shannon H, Walter S, Cook D, Heddle N. Canadian Medical Association Journal 1995; 152: 351-357. (Explains AR, ARR, RR,

RRR, NNT a.k.a. Absolute Risk, Absolute Risk Reduction, Relative Risk, Relative Risk Reduction, Number Needed to Treat)

- Correlation and regression. Guyatt G, Walter S, Shannon H, Cook D, Jaeschke R, Heddle N. Canadian Medical Association Journal 1995; 152: 497-504.

Two articles published in the British Medical Journal

- Statistics for the non-statistician. Greenhalgh T. Br Med J 1997; 315: 364-7.
- Statistics for the non-statistician. II: "Significant" relations and their pitfalls. Greenhalgh T. Br Med J 1997; 315: 422-6.

A series in Annals of Internal Medicine

- Goodman SN. Toward Evidence-Based Medical Statistics. 1: The P Value Fallacy. Annals of Internal Medicine 1999;130:995-1004. [[full-text](#) for a limited time]
- Goodman SN. Toward Evidence-Based Medical Statistics. 2: The Bayes Factor. Annals of Internal Medicine 1999;130:1005-1013. [[full-text](#) for a limited time]
- Davidoff F. Standing Statistics Right Side Up. Annals of Internal Medicine 1999; 130:1019-1021. [[full-text](#) for a limited time]

Other articles discussing statistical principles and clinical epidemiology:

- Knottnerus JA, van Weel, C, Muris JW. Evidence base of clinical diagnosis: Evaluation of diagnostic procedures. Br Med J 2002;324 477-480. [<http://bmj.com/cgi/content/full/324/7335/477full-text>]
- Sterne JAC, Smith GD, Cox DR. Sifting the evidence: what's wrong with significance tests? Br Med J 2001; 322: 226-231. [[Full-text](#)]
- Sterne JAC, Egger M, Smith GD. Systematic reviews in health care: Investigating and dealing with publication and other biases in meta-analysis. Br Med J 2001; 323: 101-105 [[full-text](#)]
- Frohna JG, Park SM, Gopal A. Diagnosing Bacterial Meningitis After the Haemophilus influenzae Vaccine: Still A Challenge. Arch Pediatr Adolesc Med 2001; 155:1307-1310. [[full-text](#) for subscribers] (.. excellent presentation of likelihood ratios!) ~~new~~
- Smith JE, Winkler RL, Fryback DG. The First Positive: Computing Positive Predictive Value at the Extremes. Ann Intern Med 2000; 132:804-809. [[full-text](#) for a limited time]
- Evidence-based diagnosis: More is needed. Richardson WS. Evidence-Based Medicine May/June 1997. (full-text editorial)

- Evidence Based Drug Therapy: What Do the Numbers Mean?, from Therapeutics Letter at Therapeutics Initiative: Evidence Based Drug Therapy, University of British Columbia
- Down with odds ratios. Sackett DL, et al. Evidence-Based Medicine Sept/Oct 1996
- When can odds ratios mislead? Davies HTO, Crombie IK, Tavakoli M. Br Med J 1998;316:989-991.
- Bjerre LM, LeLorier J. Expressing the magnitude of adverse effects in case-control studies: "the number of patients needed to be treated for one additional patient to be harmed." Br Med J 2000;320:503-506. [full-text]
- Use of confidence intervals to indicate uncertainty in research findings. Altman DG. Evidence-Based Medicine May/June 1996 (full-text editorial)
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- [Epidemiology for the Uninitiated](#); 4th edition. Coggon D, Rose G, Barker DJP. Br Med J 1997. ~~NEW~~
- [UBC Clinical Significance Calculator](#); contingency table analysis to determine risks and odds ratios and their 95% confidence intervals. [University of British Columbia](#)
- [Statistical Calculators](#) including almost all tests you could need with Comparisons (t-test etc), Crosstabs, Regression, Power and links to all Statistics Sites on the WWW
- [Rice Virtual Lab in Statistics](#); David Lane, Rice University
 - Includes [HyperStat Online](#), a textbook with extensive contextual links to other resources
- [A New View of Statistics](#), Will Hopkins, from [Sportscience.org](#)
- [Electronic Statistics Textbook](#), from [StatSoft](#)
- [Bayesian Analysis Model Calculator](#), from [Medical College of Wisconsin Division of General Internal Medicine](#)
- An extensive online statistics textbook: [SurfStat Australia](#), from the University of Newcastle.
- [Statistics: The Study of Stability in Variation](#), a

textbook from [UCLA Statistic](#)

- [Introductory Guide to Statistics](#), from [University of Queensland, Brisbane, Australia](#) (server currently not responding)
- Additional statistics resources on the web listed in: [Statistics and Research](#), J. Loadsman, ed. In [The Virtual Anaesthesia Textbook](#).
- [Statistics on the Web](#); a large and well organized list. Clay Helberg.
- [Epidemiology and Biostatistics Resources](#); an excellent list from [Department of Pediatrics, University of Utah School of Medicine](#) ^{NEW}
- [EBM Tools.doc](#) - a Microsoft Word 97/98 template file that performs numerous clinical epidemiology calculations, e.g., relative risk reduction, likelihood ratios, etc., and the relevant confidence intervals. Written and submitted to PedsCCM by Arno Zaritsky, MD.

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A full-text series in the [Ann Intern Med](#) on Systematic Reviews:

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