

A BRIEF HX OF BEHAVIORAL SLEEP MEDICINE



Michael L. Perlis, Ph.D.

Associate Professor of Psychiatry
Department of Psychiatry
University of Pennsylvania

Director, The Upenn Behavioral Sleep Medicine Program

Visiting Professor: University of Glasgow & University of Freiburg

A CAUTIONARY PREAMBLE



HISTORY VARIES
AS A FUNCTION OF THE
HISTORIAN

A CAUTIONARY PREAMBLE



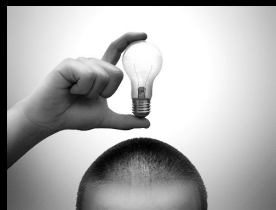
HISTORY VARIES
AS A FUNCTION OF THE
HISTORIAN

**THE BIAS HERE IS TOWARDS EVENTS
RELATED TO**

IN GENERAL: INSOMNIA

IN SPECIFIC:

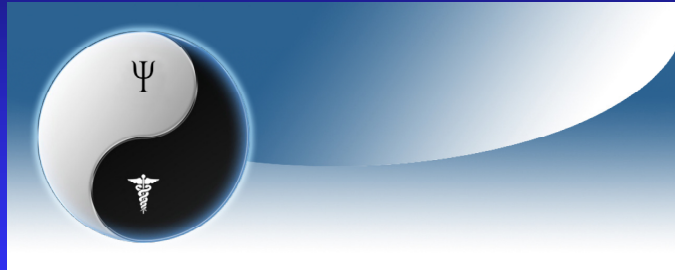
- TREATMENT R&D
- TREATMENT EFFICACY
- THEORY RE: ETIOLOGY
- EVIDENCE RE: INSOMNIA AS A RISK FACTOR



**IF YOU HAVE IDEAS ABOUT OTHER LANDMARK
STUDIES OR EVENTS THAT SHOULD BE
INCLUDED HERE**

**PLEASE WRITE ME AT
mperlis@upenn.edu**

BEHAVIORAL SLEEP MEDICINE



WHY THIS TERM ?



The term "Behavioral Sleep Medicine" was selected because it clearly denoted the two fields from which our subspecialty emerged (health psychology/behavioral medicine and sleep disorders medicine)".



CLINICAL RESEARCH MILESTONES
SOCIETAL AND EDUCATIONAL INITIATIVES

Questions After



CLINICAL RESEARCH MILESTONES



CLINICAL RESEARCH MILESTONES

- 1930s Jacobsen applies Progressive Muscle Relaxation to Insomnia
- 1930s Mowrer Bell-n-Pad Technique for Nocturnal Enuresis
- 1960s First Clinical Trials for insomnia (Relaxation)
- 1972 Bootzin applies stimulus control principles to Insomnia
- 1973 Borkovec conducts first Behavioral Therapy trials for Insomnia
- 1977 Hauri publishes Sleep Hygiene Rules in *Current Concepts: The sleep disorders*
- 1978 Bootzin conducts first systematic review of Insomnia Tx
- 1981 Czeisler and colleagues develop Chronotherapy
- 1981 Hauri publishes on the treatment of insomnia with SMR biofeedback
- 1985 Ferber publishes a guide on extinction to eliminate nighttime crying in infants
- 1985 Cartwright reports on positional Therapy



CLINICAL RESEARCH MILESTONES

- 1987 Spielman publishes the "3P" or Behavioral Model of Insomnia
- 1987 Spielman and Saskin develop Sleep Restriction Therapy
- 1988 Lask reports on Schedule Awakenings for Parasomnias
- 1989 Ford and Kamerow publish first paper on Insomnia as a risk for MDD
- 1990 Lack provides preliminary data on the role of circadian dysregulation in Insomnia
- 1992 Krakow reports on dream rehearsal Tx of nightmares
- 1993 Morin assesses Cognitive Behavioral Therapy for late life Insomnia
- 1993 Edinger reports on CPAP desensitization as a Tx for CPAP non-compliance
- 1994 Morin et. al and Murtaugh et al. publish first two Meta-analyses re: Tx of Insomnia
- 1995 Lichstein introduces Sleep Compression as an alternative to Sleep Restriction
- 1996 Edinger compares SRT to BZ treatment for PLMs



CLINICAL RESEARCH MILESTONES

1997	Perlis publishes the Neurocognitive Model of Insomnia
1999	Aloia publishes on Motivational Therapy for compliance with CPAP
2000	Perlis publishes that CBT-I outcomes in clinic are comparable to RCT norms
2000	Bastien publishes on the familial incidence of Insomnia
2000	Lichstein publishes on the efficacy of CBT-I for "Secondary Insomnia"
2001	Lichstein publishes a paper challenging the concept of "Secondary Insomnia"
2001	Edinger publishes first large scale placebo controlled RCT on CBT-I
2002	Smith et al. publish a meta-analysis on the relative efficacy of CBT-I vs Hypnotics
2002	Harvey publishes on the role of selective attention & safety behaviors in Insomnia
2002	Espie publishes the Psychobiological Inhibition Model of Insomnia
2003	Suka publishes first paper re: insomnia as a risk for hypertension



CLINICAL RESEARCH MILESTONES

2003	Edinger reports on abbreviated cognitive-behavioral insomnia therapy (ACBT)
2005	Smith Shows CBT-I reverses CNS abnormalities as assessed with SPECT
2006	Pigeon et al. publishes on the role of sleep homeostasis dysregulation in Insomnia
2007	Edinger publishes a dose response assessment of CBT-I
2007	Harvey publishes on the effects of Cognitive Therapy (CT only) for Insomnia
2007	Germain reports on brief behavioral Tx for PTSD-related sleep disturbances
2007	Harris et al. publish on the Intensive Sleep Retraining procedure for Insomnia
2008	Altena shows that CBT-I reverses diurnal cortical hypoactivation as assessed with fMRI
2008	Stone recommends that non restorative sleep not be considered as Insomnia
2008	Manber reports that CBT-I enhances depression outcomes in patients with MDD & Insomnia
2009	Morin Publishes on the Natural Hx of Insomnia



SOCIETAL AND EDUCATIONAL INITIATIVES



SOCIETAL AND EDUCATIONAL INITIATIVES

1983	NIH SOS conference characterizes Insomnia as “only” a symptom
1990s	SRS Insomnia special interest group & AASM PhD focus groups are established
1996	Morin publishes first Insomnia treatment manual
1998	Stepanski & Perlis coin the term Behavioral Sleep Medicine
2000	Buyse forms the Presidential Committee for Behavioral Sleep Medicine
2000	Stepanski & Perlis publish first Hx review of Behavioral Sleep Medicine
2000	AASM Review & SOP papers on the evaluation of Chronic Insomnia are published
2001	APA Monitor publishes article on the “Need for Sleep Psychologists”
2003	Lichstein & Perlis publish first text book dedicated to Behavioral Sleep Medicine
2003	BSM Comm creates and administers first AASM BSM exam (Chair: E. Stepanski)
2003	Lichstein establishes the <u>Journal of Behavioral Sleep Medicine</u>



SOCIETAL AND EDUCATIONAL INITIATIVES

2004	AASM sponsors first Behavioral Sleep Medicine course
2005	NIH SOS conference identifies CBT-I as a first line Tx for chronic insomnia
2005	Perlis, Jungquist, Smith & Posner publish a session by session guide for CBT-I
2005	Pittsburgh Consensus Conference on standards for Insomnia Research (Chair: D. Buysse)
2005	BSM Committee establishes one year BSM fellowships (Chair: W. Pigeon)
2005	Behavioral Insomnia of Childhood reclassified as a V code
2006	AASM SOP Review on the Behavioral Treatment of Ped Insomnia
2006	AASM "White paper" re: evidence for Psych & Behavioral Tx of Insomnia is published
2006	AASM "White paper" re: SOP for Psych & Behavioral Tx of Insomnia is published
2006	BSM Committee establishes Mini-fellowships (Chair: W. Pigeon)
2006	University of Rochester sponsors an annual CBT-I seminar (Course Director: Perlis)




SOCIETAL AND EDUCATIONAL INITIATIVES


2006	AASM establishes a bi-annual "Insomnia course" (Course Director: Edinger)
2007	Pigeon et al. publish "The Future of Behavioral Sleep Medicine" in JCSM
2007	The ABSM exam is discontinued in favor of the ABMS exam
2008	APA Monitor publishes article "Wake up to a new practice opportunity"
2008	AASM initiative to increase availability of CBT-I
2008	AASM proposes to open the CBSM to Masters level clinicians
2008	BSM Com. Chair (Pigeon) & Insomnia Section Head (McCrae) call for reconsideration
2008	Perlis & Smith publish "How can we make CBT-I and BSM more widely available"
2008	Clinical Guidelines for Evaluation and Management of Insomnia published in JCSM
2008	Smith Surveys Membership re: the "Masters proposition"
2009	BSM Consensus Conference


SO HERE WE ARE

The Johns Hopkins University School of Medicine
and The Department of Psychiatry and Behavioral Sciences
Present

 **Behavioral
Sleep Medicine:
A Consensus
Conference**

March 27 - 29, 2009
Sawgrass Golf Resort & Spa
A Marriott Hotel
Ponte Vedra Beach, Florida





GOLF RESORT & SPA
Marriott
RESERVATIONS
ACCOMMODATIONS
MEETINGS & EVENTS
CHAMPIONSHIP GOLF
SPA
BEACH CLUB
FAMILY
WEDDINGS
DINING
RESORT INFORMATION
SPECIALS & PACKAGES
VACATION PLANNING



LET'S SEE WHAT KIND OF CONSENSUS WE CAN REACH.



THE SPECIFIC EVENTS THAT BRING US TO OUR PRESENT CROSS ROADS

EDITORIAL

How can we make CBT-I and other BSM services widely available?

Michael L. Perlis, PhD,¹ Michael T. Smith, PhD,²
¹University of Rochester, Sleep & Chronobiology Research Laboratory, Rochester, NY; ²Johns Hopkins University, Behavioral/Neuroscience Research Laboratory and Clinic, Baltimore, MD

Following several presentations and discussions, pending cognitive-behavioral therapy for insomnia (CBT-I) during the 2007 annual meeting of the Association of Professional Sleep Societies in Minneapolis, it seems to many of us that the building block of behavioral sleep medicine (BSM) is at a critical juncture.

Two events have occurred that bring us to the present crossroads. First, as a result of the vision and generosity of the American Academy of Sleep Medicine (AASM), there is (as of 2006), a credentialing board for BSM that is independent and administered by the academy.¹ Second, the research literature regarding CBT-I has matured to a point where the 2007 AASM State of the Science panel acknowledged that this form of BSM is to be considered a first-line therapy for chronic insomnia.² Third, sleep medicine (with the change in the board certification process from the American Board of Sleep Medicine to the American Board of Medical Specialties) has recently been redefined as a medical subspecialty and, as a result, BSM is not formally a part of sleep medicine. Fourth, with the reorganization of AASM services to be aligned with disease states (vs areas of specialty), BSM is no longer identified as a service within the Academy. Fifth, the recent AASM Comprehensive Academic Sleep Program of Distinction initiative does not reference BSM nor require that centers within this program have BSM services.³ Sixth, and finally, it now appears that there is a substantial push to alter *what should actually, CBT-I, have BSM "physician extenders" (vs BSM specialists) and how treatment should be conducted (fewer and shorter sessions).* Although each of the last 4 events is relevant for the continued growth of BSM, it is an all-out

field and an interdisciplinary component of sleep medicine, the last and most recent event arguably needs to be addressed.

The push to make CBT-I more available by diversifying who can provide it and how it is provided is largely based on the following beliefs: (1) There are not enough credentialed BSM specialists to provide treatment for the millions of patients with insomnia; (2) reimbursement for BSM services is complicated and prevents too low a level of reimbursement; (3) CBT-I can be conducted by nurses with a minimal amount of training; and (4) BSM specialists have little to offer sleep disorder centers beyond the treatment of insomnia (which can hardly keep one busy enough to justify a part-time equivalent or full-time equivalent salary).

Before addressing these issues specifically (and providing a series of recommendations), it is worth addressing the global perspective. Twenty to 30 years ago, sleep medicine itself was faced with many of the same daunting issues (e.g., too few specialists, problems with reimbursement, and a lack of evidence that sleep medicine alone could sustain a dedicated clinical approach). Yet, at that time, there were no calls to repurpose the field with non-MD, to conduct polysomnography studies and evaluations (although this was allowed by the American Board of Sleep Medicine), nor was there a call to make polysomnography assessment studies half or one third night studies to reduce the burden of the assessment process. Instead, it was recognized that these issues required time and work to resolve and that only in this way could a clinical specialty be established. What has changed? Why is there such a sense of urgency and a rushed need to solutions that can only diminish the effort to establish BSM as a subspecialty of sleep medicine (and behavioral medicine)? Whatever the answer, it cannot be one that accepts that sleep medicine is, and should continue to be, a multidisciplinary field.

There are not enough credentialled BSM specialists to provide treatment for the millions of patients with insomnia.

First, while it is estimated that 10% to 15% of the population suffers from chronic insomnia, it is unclear what proportion of this population is actively seeking help. Thus, the proportion that the demand for extends the roughly remains to be formally documented. What is clear is that most accredited sleep disorder centers do not have full-time or part-time clinicians who special-

Disclosures Statement
 Dr. Perlis has received research support from Cephalon and Sanofi-Aventis. He has consulted to Eli Lilly and Company, Cephalon, and MedCision. He participated in consulting agreements for Sanofi-Aventis, has received use of equipment from Cephalon, Inc., and has financial interests in Interim Clinical Concepts. Dr. Smith has received research support from Cephalon.

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 Address correspondence to Michael L. Perlis, MD, Sleep and Neurophysiology Research Laboratory, University of Rochester, Department of Psychiatry, 300 Critchfield Blvd, Rochester, NY 14626. Tel: (585) 853-4517; Fax: (585) 853-4521; E-mail: Michael_P@mc.rochester.edu

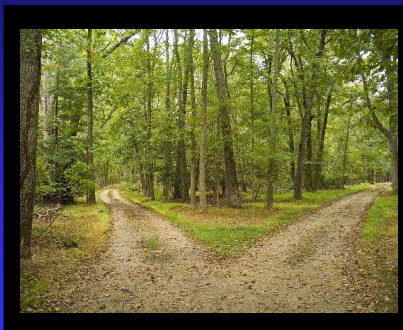
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THE EVENTS THAT BRING US TO OUR PRESENT CROSS ROADS

- The establishment of the BSM exam and the CBSM credential via the AASM
- The 2005 NIH SOS panel states that CBT-I should be considered 1st line therapy for insomnia
- The ABSM is dissolved and BSM is no longer formally a part of Sleep Medicine
- The AASM reclassifies / renames the BSM section “the insomnia section”
- The AASM does not require “flagship” sleep disorders centers to provide BSM services
- The AASM seeks to re-define what CBT-I Tx should be and who should provide it
- The AASM switches the annual BSM exam to a bi-annual offering
- The AASM rules that masters level clinicians may sit for the BSM exam
- The AASM “tables” the call for detailed eligibility criteria for MA clinicians (exam & practice)
- The AASM “tables” the call for a phase in of a requirement for SDCs to have BSM's on staff

SO WHERE TO FROM HERE ?



THAT'S WHAT WE NEED TO DECIDE





Behavioral Sleep Medicine Group
About Join Discussions Members Resources Contact

About the Group

This list serves as the sole purpose of promoting the free exchange of information and ideas amongst Behavioral Sleep Medicine clinicians, scholars, and researchers.

The list has been in existence (before it or not continuously) since 1996. The original list serves, while affiliated with any organization (AASM, SRS, etc.) was originally established by Dr. Michael Perlis with IT support from University of Rochester. Currently, the list continues to be edited, hosted, by Dr. Perlis (now at University of Pennsylvania). Technical and creative support is provided by Dr. Michael Grandner (also at Penn).

How does this work?

If you don't belong to the list and you have an interest in, or work in the area of, Behavioral Sleep Medicine, sign up!

If you already belong to the list, be sure to participate in the conversation by:

1. Initiating discussions on sleep topics (Send email to: behavsleepmed@googlegroups.com)
2. Reading postings and sharing your knowledge and insights.

What if I am a trainee (pre-doc) - is this a good list for me?

A lot of what gets discussed here is relevant for your present and future, but there are lists that are more relevant for you... Consider joining the Sleep Trainee Network!

What if I am not a member of the AASM or SRS?

No worries, but do consider joining either or both.

SRS - <http://www.sleepresearchsociety.org/Membership.aspx>

AASM - <http://www.aasmnet.org/Member.htm>

The **NEW** Behavioral Sleep Medicine Group!

- Now hosted through Google Groups
- New Website
 - <http://www.behavsleepmed.com>
- Also hosting the Sleep Trainee Network
 - 
- Still Moderated by Dr. Michael Perlis
 - With help from Dr. Michael Grandner

mperlis@upenn.edu



The University of Pennsylvania



Michael Perlis PhD
Director, Upenn Behavioral Sleep Medicine Program
mperlis@upenn.edu