

Psychiatric Aspects of HIV Spectrum Disease

Karl Goodkin, M.D., Ph.D.

CLINICAL
SYNTHESIS

Abstract: The HIV/AIDS epidemic is not considered "under control" in the United States. An unacceptably high incident case rate has been sustained over the past decade. CDC now advocates for routine HIV antibody testing to be offered in all health care settings. The psychiatrist can play an important role in identifying HIV high risk behaviors, in presenting the option for HIV antibody testing, and in providing follow-up with counseling. The high risk for HIV infection among the severely mentally ill also directly involves the psychiatrist today in HIV/AIDS care. Anxiety, depressive spectrum, neurocognitive, and psychotic disorders present with symptom profiles and in settings that are specific to HIV infection and require the need for individually tailored psychiatric care. Guidelines for the psychiatrist treating HIV infected patients are available. It is incumbent upon the practicing psychiatrist to maintain familiarity with these guidelines and offer the capacity to treat the psychiatric disorders that occur in this patient population.

The number of persons with HIV-1 infection in the United States has continued to rise, consistently increasing at an estimated 56,000 per year for the past decade. Thus, the HIV/AIDS epidemic cannot be considered "under control" at this time. Since the introduction of highly active antiretroviral therapy (HAART) combination regimens in late 1995, great gains have been made in decreasing the morbidity and mortality of the disease. Nevertheless, replication of HIV-1 is known to continue at a very low level despite "nondetectable" levels of HIV-1 RNA in the peripheral blood (1). It has also been shown that HIV-1 replicates at a relatively higher level in the CSF than in the plasma in patients with a diagnosis of HIV-associated dementia (HAD) as opposed to those with no neurological disease (2). These results are supported by other studies showing that independent HIV-1 replication in the CNS predominates in advanced disease and is contributed to by CNS-derived virus. Hence, the CNS has been designated as a "reservoir" maintained by HIV-1 in the face of currently effective systemic treatment. As a result, increasing concern has been directed to the neuropsychiatric outcomes of HIV-1 infection: HIV-1-associated asymptomatic neurocognitive impairment, mild neurocognitive disorder (MND) [formerly minor cognitive-motor disorder (MCMD) (3)], and HAD [formerly AIDS dementia complex (ADC)] (4). After a brief background on HIV/AIDS, this article will focus on the information psychiatrists need to know today for 1) the evaluation of risk for HIV-1 infection, 2) HIV-1 antibody testing and related counseling, 3) the secondary prevention of HIV-1 disease pro-

gression, and 4) the diagnosis and treatment of neuropsychiatric disorders in HIV-1 infected persons. (Hereafter, I will refer to "HIV-1" as "HIV" for general usage, as the prevalence of HIV-2 is very low in the United States.)

BRIEF BACKGROUND ON HIV/AIDS

The Centers for Disease Control and Prevention (CDC) began tracking cases of AIDS in 1981. Human T cell lymphotropic virus type III (HTLV-III, later to be called "HIV") was isolated in 1983 (5). The dementia associated with HIV infection was first characterized as caused by HIV itself in 1986 (6, 7). In the revised CDC case definition of AIDS of 1987, "HIV encephalopathy" was included as an AIDS-defining event (8). The CDC staging system and the AIDS case definition were both revised in 1993 (9). The CDC staging system was revised to be defined by three clinical stages (A = asymptomatic, B = early symptomatic, and C = late symptomatic/AIDS). In addition, immunological dis-

ONE Disclosure

Karl Goodkin, M.D., Ph.D., Professor and Director of Clinical Research, Department of Psychiatry and Behavioral Neurosciences, Cedars-Sinai Medical Center and Professor in Residence, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine, UCLA. Advisor: Advanced Immune; Speaker List: Merck; Grant Applicant: Janssen, Amgen.

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Psychiatric Aspects Of Aids And Hiv Infection

RS Peters



Psychiatric Aspects Of Aids And Hiv Infection:

Psychiatric Aspects of HIV/AIDS Francisco Fernandez, Pedro Ruiz, 2006 This comprehensive text focuses on psychiatric issues associated with HIV AIDS and provides clinicians with a basic understanding of epidemiology virology transmission and medical treatments inclusive of occupational exposures Psychosocial spiritual and sociocultural aspects of HIV AIDS are covered describing implications of HIV AIDS across minority groups The treatment section allows clinicians to organize an effective psychiatric treatment plan for all mental disorders associated with HIV AIDS Issues of adherence prevention and public well being are emphasized throughout The management of medical problems such as delirium dementia and pain management in special HIV AIDS patients with co morbid substance abuse as well as end of life care is also included

Psychiatric Aspects of AIDS and HIV Infection Stephen M. Goldfinger, 1990 Psychotherapy with HIV infected persons Medical overview of HIV infection Neuropsychiatric manifestations of HIV infection Psychopharmacological interventions in HIV infections Substance abuse in AIDS the need for mental health services The many faces of AIDS opportunities for intervention AIDS risk in the chronically mentally ill clinical strategies for prevention Legal ethical and public policy issues HIV infection and the mental health clinician future directions Mental Health and HIV Infection Jose Catalan, 2002-09-11 Accessible overview assuming no specialist psychological psychiatric or medical knowledge Covers psychological interventions and psychopharmacology as well as the psychological consequences of HIV infection Psychiatric Aspects of Critical Care Medicine, An Issue of Critical Care Clinics José R. Maldonado, 2017-06-23 This issue of Critical Care Clinics focuses on Psychiatric Aspects of Critical Care Medicine Editor Jose Maldonado has assembled an expert team of authors on topics such as Psychiatric Aspects of Organ Transplantation in Critical Care Medical Complications of Psychiatric Treatment Psychiatric and Palliative Care in the ICU Psychiatric Aspects of Heart and Lung Disease in Critical Care Alcohol Withdrawal Syndromes Assessment and Management Substance Abuse and Withdrawal in the Critical Care Setting Mood Disorders and The Outcome of Suicidal Thoughts and Attempts Anxiety Disorders and the Outcomes of Trauma Assessment and Management of Toxidromes in the Critical Care Unit Neuropsychiatric Consequences of Trauma and Head Injury Detection and Management of Pre Existing Cognitive Impairment in the Critical Care Unit Delirium Pathophysiology Diagnosis and Treatment Neuropsychiatric Aspects of Infectious Processes *Psychiatric Aspects of AIDS and HIV Infection* Stephen M. Goldfinger, 1990 Psychotherapy with HIV infected persons Medical overview of HIV infection Neuropsychiatric manifestations of HIV infection Psychopharmacological interventions in HIV infections Substance abuse in AIDS the need for mental health services The many faces of AIDS opportunities for intervention AIDS risk in the chronically mentally ill clinical strategies for prevention Legal ethical and public policy issues HIV infection and the mental health clinician future directions

Psychiatric and Mental Health Nursing for Canadian Practice Wendy Austin, Mary Ann Boyd, 2010-01-01 Rev ed of Psychiatric nursing for Canadian practice Wendy Austin Mary Ann Boyd **HIV Psychiatry** James A. Bourgeois, Mary Ann

Adler Cohen, Getrude Makurumidze, 2021-11-18 This book is a practical guide in understanding how to prevent HIV transmission to recognize risk behaviors and to add something else to their repertoires It aims to empower clinicians and provide a sense of security and competence with the recognition and understanding of some of the psychiatric illnesses that complicate and perpetuate the HIV pandemic that continue to persist throughout every area of the world despite the magnitude of the progress that has transformed the illness from a rapidly fatal to chronic illness that is no longer life limiting Missing in most of the literature on HIV is the subtle and sometimes not so subtle contribution of psychiatric symptoms psychiatric illness and risk behaviors that drive the pandemic and serve as catalysts for new infections This practical guide provides state of the art understanding of not only prevention but also a way to recognize risk behaviors psychiatric symptoms and psychiatric illnesses that will demystify and decode the sometimes enigmatic and frustrating reasons for nonadherence with diagnostic procedures and life saving treatments and care All behaviors and pathology are covered as well as the resources and treatments available The goal of this text is to refresh knowledge on the current state of psychiatric illness management among people living with HIV to provide a concise volume on the psychiatric aspects of HIV prevention and treatment that substantially impact the overall care of the patient and to help understand the psychiatric catalysts of the pandemic Written by experts in the field HIV Psychiatry A Practical Guide for Clinicians provides enduring guidance to medical and other professionals caring for complicated clinical patients as they face ongoing challenges in working with persons with HIV and AIDS

Basic Concepts of Psychiatric-mental Health Nursing Louise Rebraca Shives, 2007 This seventh edition includes new chapters and maintains popular features from previous editions such as self awareness prompts while adding research boxes and student worksheets at the end of each chapter

[Fundamentals of HIV Medicine 2017](#), 2017-05-15 Completely updated for 2017 Fundamentals of HIV Medicine is a comprehensive clinical care publication for the treatment of HIV AIDS Published by the American Academy of HIV Medicine the book offers physicians pharmacists nurse practitioners and other care providers the most up to date overview of the latest HIV treatments and guidelines Embodying the AAHIVM's commitment to promoting uniform excellence in care of seropositive patients Fundamentals of HIV Medicine 2017 empowers health professionals to deliver standardized life sustaining treatment to the patients who need it most It will serve as an essential clinical reference and provide valuable career enrichment to users across the spectrum of HIV care treatment and prevention

Medical-Psychiatric Practice Alan Stoudemire, 1995-05 This volume is the third in a series of succinct analytical reviews of advances in the psychiatric care of medically ill patients Like the previous volumes Medical Psychiatric Practice Volume 3 is designed to continually update the busy clinician on research and practical developments in medical psychiatry Under the guidance of an eminent editorial advisory board this volume addresses several specific clinical problems that require an integrated medical psychiatric approach to their diagnosis and treatment It includes an in depth discussion of psychopharmacokinetics as well as an update on psychopharmacology in medically ill patients **The**

Neurology of AIDS Howard E. Gendelman, 2005 The Neurology of AIDS is a compilation of works addressing six major aspects of nervous system disease that commonly follows HIV 1 infection This includes basic science clinical science neuropathology therapy neuropsychiatric and perspectives of disease provided by patients **International Handbook of Traumatic Stress Syndromes** John P. Wilson, Beverley Raphael, 2013-06-29 Over 100 researchers from 16 countries contribute to the first comprehensive handbook on post traumatic stress disorder Eight major sections present information on assessment measurement and research protocols for trauma related to war veterans victims of torture children and the aged Clinicians and researchers will find it an indispensable reference touching on such disciplines and psychiatry psychology social work counseling sociology neurophysiology and political science **Cumulated Index Medicus** , 1987

Biomedical Index to PHS-supported Research , 1988 Rutter's Child and Adolescent Psychiatry Sir Michael J. Rutter, Dorothy Bishop, Daniel S. Pine, Stephen Scott, Jim S. Stevenson, Eric A. Taylor, Anita Thapar, 2011-08-24 Rutter's Child and Adolescent Psychiatry has become an established and accepted textbook of child psychiatry Now completely revised and updated the fifth edition provides a coherent appraisal of the current state of the field to help trainee and practising clinicians in their daily work It is distinctive in being both interdisciplinary and international in its integration of science and clinical practice and in its practical discussion of how researchers and practitioners need to think about conflicting or uncertain findings This new edition now offers an entirely new section on conceptual approaches and several new chapters including neurochemistry and basic pharmacology brain imaging health economics psychopathology in refugees and asylum seekers bipolar disorder attachment disorders statistical methods for clinicians This leading textbook provides an accurate and comprehensive account of current knowledge through the integration of empirical findings with clinical experience and practice and is essential reading for professionals working in the field of child and adolescent mental health and clinicians working in general practice and community pediatric settings **Psychological Aspects of Women's Health Care** Nada L. Stotland, Donna E. Stewart, 2008-11-01 In the decade since the first edition of this work was published an incredible array of reproductive technologies and associated issues has emerged Obstetricians and gynecologists are hard pressed to deal with the startling breadth and depth of these issues which require mastery over a daunting combination of ever increasing scientific knowledge technical skills long hours legal liability and exposure to clinical situations of overwhelming emotional intensity Psychiatrists have a vital role to play in helping obstetricians and gynecologists cope with a host of problems whose resolutions require not just technical skill but also knowledge of biology psychology sociology anthropology ethics and law For example to design and implement strategies to reduce the transmission of HIV psychiatrists could work with public health workers to incorporate the psychology sociology and anthropology of female reproductive behavior Psychiatrists could likewise improve the diagnosis and treatment of breast and pelvic malignancies by elucidating the factors that deter women from self examination and regular medical screening and enhance treatment compliance Divided into three sections this

clinical and theoretical sourcebook addresses every major area of contemporary concern Pregnancy covers topics from the psychology of normal gestation to physical and psychiatric complications during and after pregnancy including new prenatal diagnostic techniques and the dynamic issues that emerge when abnormalities are detected and the use of psychotropic drugs and electroconvulsive therapy in pregnant and lactating patients Gynecology discusses not only common gynecologic problems but also more controversial issues such as induced abortion and the new reproductive technologies including the role of the menstrual cycle in exacerbating and precipitating psychologic symptoms the psychiatric aspects of menopause the assessment and management of chronic pelvic pain the psychosocial concomitants of gynecologic malignancies and the emotional demands on the oncology team and the special implications of HIV AIDS General Issues offers a broad balanced view of topics rarely found in the literature such as men s reactions to women s reproductive events substance abuse and eating disorders sexual and physical abuse often part of the histories of patients with personality disorders and posttraumatic stress disorders ethical and legal issues and health care for lesbian patients Of special significance is Dr Stotland s chapter on how consultation liaison services are provided to obstetrics and gynecology services This practical and scholarly volume is exceptionally useful as a teaching reference for medical and other health care students and residents in psychiatry and obstetrics and gynecology It also provides a valuable resource for the clinician working to improve the psychological well being of women patients

Brain Degeneration and Dementia in Sub-Saharan Africa Seggane Musisi, Stanley Jacobson, 2015-04-14 Stemming from a 2012 conference entitled Brain Degenerations and Emerging Mental Health Challenges in Sub Saharan Africa this book is aimed at both the general practitioner interested in CNS disorders and the specialist who would like to know more about CNS pathology in Africa By employing a broad definition of what brain degeneration means the authors are able to touch upon everything from dementias and CNS malignancy to traumatic brain injury and CNS infective processes This book draws from and builds upon the original conference presentations and incorporates the most up to date science behind brain degeneration as well as actual case reports Each of the book s six sections offer the reader a deeper understanding of brain degeneration as it exists in Sub Saharan Africa

Counsellors in Health Settings Kim Etherington, 2001 Focusing on the experiences of counsellors themselves this book is a comprehensive resource for counsellors working in health contexts and for the health professionals who work with them and may take on counselling roles which will inform and improve their work

Biomedical Index to PHS-supported Research: pt. A. Subject access A-H, 1992 **International Handbook of Psychiatry** Laura Weiss Roberts, 2013 This handbook will be a concise guide to important topics in psychiatry with an international focus It constitutes a pr r cis of the field of psychiatry with emphases on the therapeutic approach to the patient and on the proper diagnosis of major psychiatric disorders All psychiatric diagnoses are encoded using both the US Diagnostic and Statistical Manual DSM and the International Statistical Classification of Diseases and Related Health Problems ICD Treatment options for psychiatric

disorders will include approaches used in developed nations in North America Europe Asia as well as in the developing world Furthermore an invaluable brief history of psychiatry allows readers to trace the beginnings of their chosen field and gain awareness of the ethical and legal contexts This handbook will provide a comprehensive introduction to psychiatry appropriate for students trainees and practitioners seeking an international approach

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