



*The Sparkle Is Gone*

In many geriatric patients, anti-psychotic medications can have unwanted sedating effects, without effectively treating the underlying problem.

RESULT: lethargy, confusion, incontinence, wandering, and an increase in management problems.

**BUT THERE ARE ALTERNATIVES. . .**



## Personal contact may be more effective than drugs.

Demented patients may become agitated because of frustration at their inability to express their needs. Nursing interventions may work better than medications in calming the agitated patient.<sup>1</sup>



### LOOK FOR THE TREATABLE DISEASE:

Medical history and physical examination may uncover a treatable cause of agitation.

Some medical conditions can cause agitation: hypoxia, thyroid disease, acute myocardial infarction, drug therapy,<sup>2</sup> and many others. These may require specific diagnosis and treatment.

### Is the patient:

- thirsty?**—offer fluids
- hungry?**—check caloric intake
- bored?**—encourage participation in activities
- restless?**—increase ambulation and exercise

**afraid?**—reassure and change environment

**in pain?**—an analgesic may be indicated

**wet?**—alter toileting routine; evaluate incontinence

**constipated?**—increase fiber, fluids; soften stools

**ENVIRONMENT IS IMPORTANT.** Some patients need more stimulation and others need less. Some residents feel more secure in quiet environments, while others enjoy interaction with other people. Loud voices frighten some residents while others feel safer with noise. As much as possible, it's important to individualize the environment for each patient.

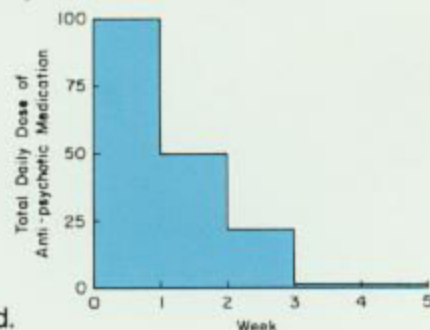
**PLAN A TRIAL OF GRADUALLY WITHDRAWING** anti-psychotic medications from non-psychotic patients currently receiving them. Many will do equally well, or better, off drugs.<sup>3,4</sup>

**WHEN CONSIDERING WHETHER TO MEDICATE,** whenever possible establish the patient's behavior pattern over several days. Many behavior problems are short-lived and will resolve on their own, without sedation.

### USE ANTI-PSYCHOTIC DRUGS ONLY AS A LAST RESORT,

in the patient with severe behavior disorders when other interventions have failed.

- Before starting an anti-psychotic drug, identify the specific target behavior to be treated and define the goals of therapy;
- Use the lowest possible doses;
- Prescribe short courses;
- Monitor closely for side-effects in all patients receiving these drugs.<sup>5</sup>



Withdrawing medications, personal contact, looking for treatable conditions, and environmental changes may take some extra time at first. But in the long run, these approaches will benefit both residents and staff as the side effects of unnecessary anti-psychotic drugs diminish.

**REFERENCES:** 1. Ebersole P, Hess P. Towards Healthy Aging. St. Louis, MO: C. V. Mosby, 1981; pp. 545-576. 2. Jenike M. Geriatric Psychopharmacology. Littleton, MA: PSG Publishing, 1985; pp. 97-99. 3. Risse S. Pharmacologic treatment of agitation associated with dementia. *Journal of the American Geriatric Society* 1986; 34:368-376. 4. Barnes R. Efficacy of antipsychotic medications in behaviorally disturbed dementia patients. *American Journal of Psychiatry* 1982; 139(9):1170-1174. 5. Salzman C. Basic principles of psychotropic drug prescription for the elderly. *Hospital & Community Psychiatry* 1982; 33:133-137.

These educational materials were produced by members of the Program for the Analysis of Clinical Strategies of Harvard Medical School. They were made possible by a grant from the John A. Hartford Foundation to the Gerontology Division, Department of Medicine, Beth Israel Hospital, Boston. Project director: Jerry Avorn, M.D., co-director: Stephen B. Soumerai, Sc.D. For reprints of the papers cited, additional copies of these materials, or further information, write to us at Harvard Medical School, 643 Huntington Avenue, Boston, Mass. 02115. Copyright © 1987 Beth Israel Hospital.