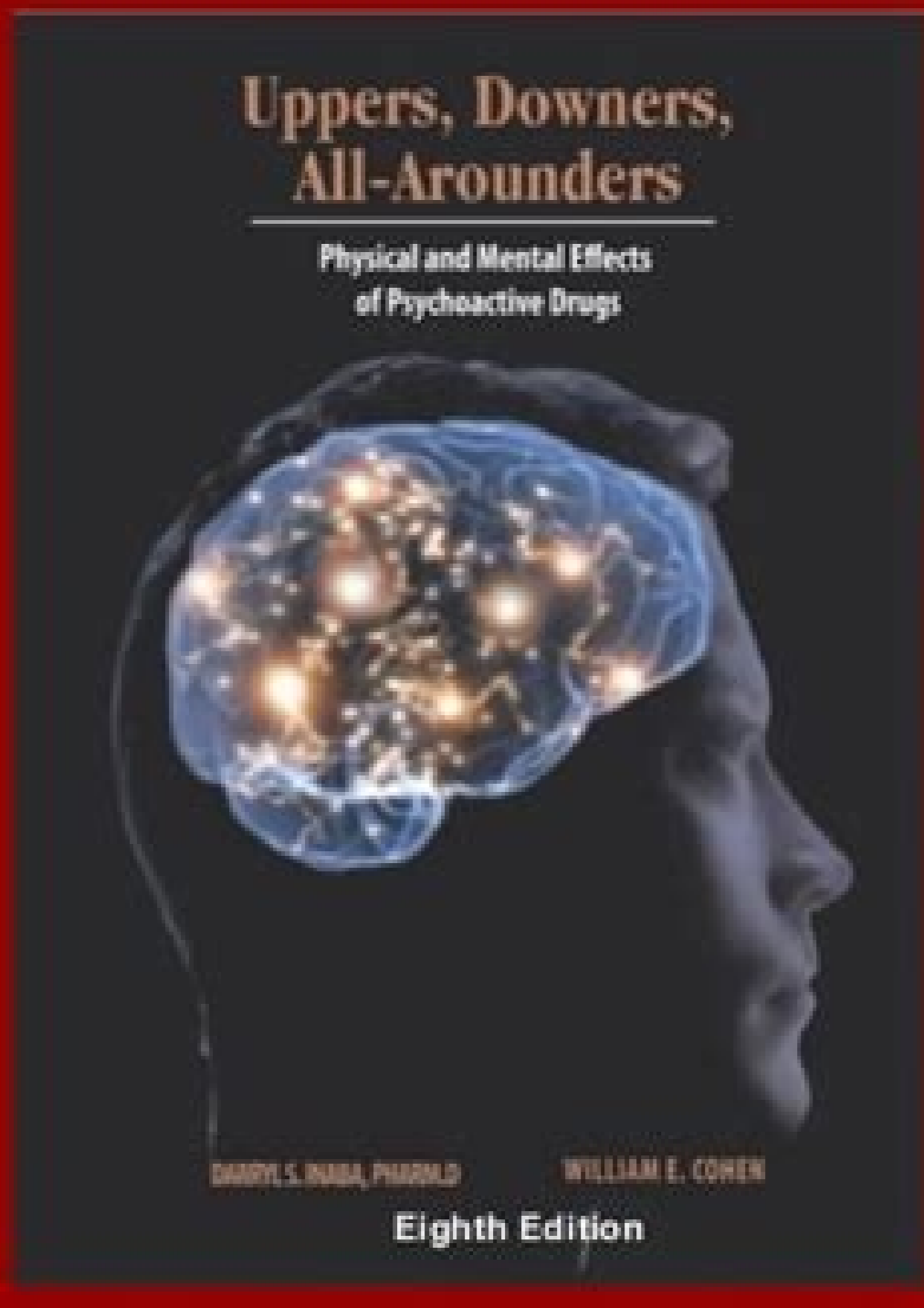


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**Current Science of Recovery:
A Journey into Wellness**

ORCA 2015 Fall Conference

Darryl Inaba, PharmD., CATC-

CHAPTER 8
ALL-AROUNDERS

I. Classification

A. Uppers (stimulants, depressants, depressants, all-arounders, stimulants, or depressants) generally depress perception.

B. Historically, such drugs (stimulants or depressants) were used to induce unconsciousness and prevent pain from being used and abused.

C. In the twentieth century, the majority of psychoactive drugs used in the treatment and abuse of patients such as general anesthetics, pain relievers, and sedatives.

D. Recently, use of (1) stimulants and psychoactive medications has increased.

E. The main classes of psychoactive drugs are:

1. Sedative-hypnotics (LSD, phencyclidine)
2. Phenylethylamines (amphetamines, "crack")
3. Anticholinergics (atropine)
4. Opioids (heroin, PCP, etc.)
5. Cannabinoids

II. General Effects

A. The problems in determining effects include the lack of accurate documentation of effects because of the illegal status of psychoactive drugs, the lack of standard doses, and the variability of response.

1. Psychoactive drugs affect the functioning of numerous neurotransmitter systems.
2. The effects of psychoactive drugs, particularly the central effects, depend on the site of the drug, and interactions with the drug, including binding, onset, and metabolism.

B. Physical effects include increased pulse rate, blood pressure, breathing, nausea, and sensitivity to sensory stimulation.

C. Neuroendocrine effects include changes in hormone levels, perception, attention, mood, and behavior, and interactions with sensory systems and related to memory.

