

EXHIBIT 4

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**The New American
Medical Dictionary
and
Health Manual**

**NEWLY REVISED AND
ENLARGED SEVENTH EDITION**

*Illustrated by Mary E. Miner
and
Sylvia and Lester V. Bergman*



A SIGNET BOOK

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insomnia

179

intercondylar

insomnia Sleeplessness; usually referring to sleeplessness of unknown origin, not that due to illness or disease.

inspection Examination with the eyes, such as the visual *inspection* of a rash.

inspiration The breathing in of air into the lungs; inhalation.

inspiratory capacity The amount of air that can be breathed in after completely breathing out; a guide to lung efficiency.

inspissated Thickened; hardened as a result of being dried out, as wax in the ears.

instability Emotional unbalance; lack of stability.

instep The arch of the foot.

instill To introduce a liquid, such as the *instillation* of drops into an eye.

instinct The primitive, unconscious driving forces, such as the instinct to live, the instinct to reproduce, etc.

instrumentation Treatment by use of instruments.

insufficiency The condition of being inadequate for a given function, e.g., cardiac *insufficiency*.

insufflate To blow a vapor or powder into a part of the body, such as the *insufflation* of powder into the vagina in the treatment of certain vaginal inflammations.

insulate To protect against.

insulin A hormone produced in the cells of the pancreas. When secreted into the bloodstream, it permits the metabolism and utilization of sugar. An insufficient secretion of insulin causes diabetes mellitus. Too much insulin secretion or intake causes hypoglycemia (too little sugar in the blood).

insulinoma A tumor of the insulin producing cells of the pancreas. This leads to too much insulin secretion.

insulin shock A state of shock, often with a convulsion and unconsciousness, brought about by too

much insulin; also known as *hypoglycemic shock*.

insult Damage to an organ or part. Trauma.

insusceptibility Immunity.

integration The process by which various functions are coordinated so as to result in a well-organized whole.

integument Skin; the covering of an organ.

intellect The reasoning faculty; the mind.

intelligence quotient (I.Q.) The ratio of a person's mental age to his chronological age, determined by giving psychological tests. I.Q. levels include the genius, the highly intelligent, the normally intelligent, the below average intellect, the moron, the imbecile, the idiot, etc.

intemperance Excessive drinking; overindulgence in food or alcohol.

intensity 1. The degree of power or strength of a process, such as the *intensity* of a light ray. 2. Feeling something or somebody very strongly. 3. Degree of reaction.

Intensive Care Unit (ICU) A separate area in the hospital where extremely sick patients are cared for. The ICUs are manned 24 hours a day by physicians and specially trained nurses. They also are equipped with life-support apparatus.

intensivist A physician who specializes in caring for the critically ill, such as patients who are in Intensive Care Units.

intention tremor A palsy or shaking of the hands on attempting to perform some purposeful movement, such as writing.

inter- A prefix signifying between.

interaction The result when two or more ingredients combine to cause one action.

interarticular Between two joints.

interatrial Between the two atria (auricles) of the heart.

intercellular tissue The area between the cells.

intercondylar Between the con-