

Academic Advance

S. SrungBoonmee

English is basic to academic advance.

The world of medicine, actually, is the very one world. We may be wrong to identify ourselves to one school we graduated from. If one just look or browse through any textbook in any discipline of medicine from basic sciences to the superspecialty; one will learn that the knowledge therein derived from many research works done in many places of different cultures. The medical school in a particular country unite to bring about all good things. And still schools in different continents communicate to exchange knowledge. All of which I have mentioned above have been practised for many centuries. You all know what I am going to conclude, "We all have to swallow that idea and adapt ourselves. both preclinical faculty and physicians to help produce good doctors. And the doctors-to-be are no exceptions."

The medium of communication is, of course, the language. The importance of the English language was once again emphasized by Dr. Wipada of Sanpasitpramong Hospital, Ubolrajtani just recently. On the first day of gross anatomy and in the introduction hour, I wrote, "English is the key to the world of medicine." I am not sure if my beloved students tune their cochlear systems to such communication. I am determined to advocate the idea of trying to learn more and more of English. We sent out a clinic quiz in the first issue of this year, Vol. 8 No. 1 to be a sample for our lovely readers. How is it ?

For those independent type of persons, you can remain independent but you have to refer to the medical dictionary and "Oxford Advanced Learner's Dictionary of Current English - by A. S. Hornby." The two books will be your references eternally. When you learn a word you have to keep in mind that, 1.) how do you spell it? 2.) How do you

pronounce it? 3.) What does it mean? And 4). How do you use it in expressing your thoughts? (เขียนถูก อ่านได้ รู้ความหมาย ใช้เป็น)

The following are short information for you to practise.

1. Spare The Father Spoil The Orgasm
2. When noise hurt
3. Tick Paralysis
4. Biological Clocks Begin in the Womb
5. A Way To Save Blood

1. Spare The Father, Spoil The Orgasm. A five-year study of 300 middle-class Syracuse, New York, women, indicates that women who said they rarely reached orgasm were likely to have had fathers who were absent, distant, unreliable or "casual" and permissive in raising their daughters. The study recently conducted by Seymour Fisher, M.D., a psychologist and professor of psychiatry at the State University of New York, Upstate Medical Center in Syracuse, indicated that the highly orgasmic woman was more likely to have been raised by a man who was a "real father" to his daughter -- dependable, caring, demanding and insistent that his daughter meet certain moral standards and expectations.

2. When Noise Hurts. Most of us recognize that noise pollution today is a widespread environmental hazard. But just when does noise begin to hurt? F.A. Van Atta, special assistant to the director of compliance, Occupational Safety and Health Administration (OSHA), has this piece of advice. "The simplest rule of thumb is that if you must raise your voice to talk to someone standing beside you, there is probably a hazard to hearing, and a sound meter survey should be made to determine exactly how serious it is."

3. Tick Paralysis. A nine-year-old girl limped from her bedroom in Miami, Florida, and cried to her mother, "I can't walk -- Hardly." Her mother said, "Your legs are probably asleep." But the next day Cynthia could not walk at all, or control her arms and she was having difficulty in breathing. Then her brother told the family doctor of a "funny bug" he'd found on the pet dog. Laboratory analysis proved the "funny bug" to be a gravid tick and a similar swollen wood tick was found in the little girl's flowing red hair, imbedded in the scalp. The tick was removed by tweezers and, within hours Cynthia was well enough to visit a neighboring girlfriend. But, according to a spokesman of the Dade County Health Department, the toxin of such ticks can kill "if it reaches the point where the muscles which control breathing become affected." Curiously, only pregnant ticks paralyze.

4. Biological Clocks Begin in the Womb. Some of us are "morning people" -- waking up early, being energetic throughout the day, trailing off at night to fall asleep early. Others of us are "night people" -- waking reluctantly, slow to become energetic during the day, at our best in the late afternoon or night. It all depends upon what medical researchers have called our "biological clocks," those innate mechanisms that time our lives. Now T.R.C. Sisson, M.D., and his co-workers at the Temple University School of Medicine have found, in a study of premature

births, that within two days of birth the production of somatotrophic hormone follows a circadian rhythm. The production of the growth hormone followed the same definite pattern whether the nursery was light or dark, ruling out environmental factors. Time begins for us at life.

5. A Way To Save Blood. The need for blood banks can be reduced significantly by using blood taken from the patient before surgery and returned to him -- his own after surgery, according to Philip Hallowell, M.D., member of a cardiac anesthesia group from Massachusetts General Hospital and Harvard Medical School. Dr. Hallowell, reporting to a meeting of the American Society of Anesthesiologists, described how 50 elective heart patients were randomly divided into two groups. From each patient in one group, two units of blood were withdrawn in the period before the induction of anesthesia and the start of the heart-lung bypass. No blood was withdrawn from the second group of 25 control patients. After the bypass, when they were no longer connected to the heart-lung machine, the withdrawn blood was returned to the study patients. Those who were bled needed one liter (about a quart) less blood immediately and 25 percent fewer blood bank products over the entire study than the control patients, Dr. Hallowell says.

From : AMA Today's Health/December 1972