

SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Chirurgia. - Neuro-chirurgos al Schola Medical Harvard ha persequite le these que senilitate prematur pote esser causate per non-evidente (occulte) hydrocephalia. In tres casos illes ha de facto succedite in restaurar subjectos "senil" a un vita de active utilitate per le simple medio de extraher le excessive liquido cerebral. In un caso le subjecto esseva un successose pediatro cuje carriera habeva essite terminate per su pseudo-senilitate. Ille ha recomenciate su previe travalio. Le mentionate neuro-chirurgos es convincite que lor casos non es exceptional e que nostre asylos pro homines e feminas senil alberga numerose individuos qui pote esser restituite a un vita de activitate normal.

Embryologia. - Acetozolamida, le diuretico cognoscite como Diamox que depost 1953 es extenseamente administrate a feminas pregnante, continua esser regardate como innocente pro humanos e su uso continua esser autorisate in le practica medical in le Statos Unite in despecto del facto que su application experimental in rattas pregnante - in doses vinti vices plus forte que le doses therapeutic recommendate pro humanos - ha resultate in certe malformationes fetal. Le experimentos in question, interprendite pro re-examinar le generalmente acceptate innocentia del pharmaco, reaffirma le facto que Diamox representa nulle periculo pro humanos si illo es usate in le dosage recommendate.

Geologia. - In duo lacos al interior de Norvega, aqua salin esseva recentemente constatate a profundores de circa 100 m. Dr. H. Holtan, del Instituto Norvege de Recercas Hydrologic, explica ille facto per le hypothese que 10.000 annos retro, post le plus recente epocha glacial, grande partes de Norvega esseva infra le superficie del oceano. Dr. Holtan ha calculate que le superficie del oceano ha descendite depost ille tempore per circa 45 m.

Guerra Naval. - Le Statos Unite ha circa 120 submarinos in servicio. Le correspondente numero pro le Union Sovietic pare esser in le vicinitate de 400. Evidentemente le russos attribue un plus grande importantia al submarinos que le americanos. Le flotta submarin del URSS es dece vices plus forte que illo del nazis al comenciamento del secunde guerra mundial. Le classification del submarinos russe secundo lor dimensiones e lor equipamento non es cognoscite. Le flotta submarin del Statos Unite include 45 unitates a propulsion nuclear. Vinti-cinque de istos es armate con rochetts. Le armamentos anti-submarin que es al disposition del marina statounitese se trova in stato de disveloppamento continue. Un interessante vehiculo que debe esser mentionate in iste connexion (ben que illo es non ancora representate per plus que modellos experimental) es un avion-hydroplano con replicabile alas e le capacitate de submerger se e cruciar sub le superficie del aqua.

Medicina General. - Dr. T. Tobe de Kyoto, Japon, reporta que un studio de 642 inflammate appendices vermiforme ha revelate que infection per virus - particularmente per adenovirus 7 e virus Cox-sackie B5 - debe esser listate inter le causas possibile de appendicitis.

Statistica Educational. - Le scholas public del Statos Unite ha currentemente 41 milliones scholares. Pro 1970 on expecta 4 milliones plus. A base del currente trend, on debe expectar que 20 pro cento del scholares qui es nunc in lor quinte anno de schola non va persiste usque al fin del dece-secunde, i.e., usque al fin del high school. Currentemente circa un million de scholares quita le high school omne anno sin terminar lo. On etiam estima que omne anno plus que 100.000 del adolescentes qui non continua lor studios post le high school, i.e., qui non entra in un college, ha nonobstante talentos pro un education avantiate que es equal o superior a illos de lor companions del mesme etate qui de facto continua lor studios. Iste situation es universalmente regardate como un gravissime problema.

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Questions

ASTROPHYSICS—How many years ago did the massive quasar explosion in the Milky Way occur? p. 94.

CHEMISTRY—What kind of rings are present in the basic structure of the saccharin molecule? p. 85.

MEDICINE—What substance has been found to inhibit radiation-caused leukemia in a special strain of inbred mice? p. 86.

METEOROLOGY—What weather conditions are at least a partial cause of the present East Coast drought? p. 91.

OCEANOGRAPHY—How will "electronic maps" of the ocean bottom aid the Apollo astronauts? p. 94.

PUBLIC HEALTH—What effect may aflatoxin, a substance produced by moldy peanuts, have on human chromosomes? p. 87.

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