

SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Aeronautica. — Esseva patentate le idea de un aeroporto a pista circular, con edificios de servicio al centro e accesso a illos ab le exterior via tunneles.

Chimioterapia de Cancere Hepatic. — Cancere hepatic es — a iste tempore — incurabile. Tamen, remissiones temporari de cancere hepatic es effectuable per medio de varie agentes chimotherapeutic. Un team de medicos al Clinica Lahey in Boston ha perfectionate un micro-pumpa que le patiente, in perfecte libertate de movimento, porta con se in un tasca de su jachetta e que, via un permanente catheter de implantation chirurgic, instilla le pharmaco cancerotherapeutic, gutta post gutta, directamente ad in le arteria del hepate. Le mecanismo del pompa, como illo de un horologio, debe esser remontate de tempore a tempore. Le pharmaco es trahite ex un reservoir que debe esser replenate a intervallos de cinque dies. In le majoritate del patientes in qui iste nove procedimiento esseva essayate, le cursos de infiltration durava 40 dies. (Illos pote esser repetite.) Al momento, le experientias con le methodo es limitate a un casuistica de 21 patientes. In omnes le prime phase del therapia esseva un excision chirurgic del foco cancerose. Le suppression de recurrentias del morbo esseva mantenite durante periodos de inter duo e 17 menses. In 15 del patientes illo esseva in continuation al tempore del presente reporto. Le pharmaco usate esseva 5-fluoro-uracil o etiam 5-fluoro-2'-deoxyuridina.

Computatores Electronic. — In Scandinavia, computatores electronic es plus numerose — in relativitate al population — que alterubi in Europa.

Ingenieria. — Depost 1956, un numero de dicas ha essite installate tanto in le Statos Unite como etiam in Europa, le quales consiste de enorme inflationabile saccos de cauchu o plastic. Le principio de tal dicas ha justo essite patentate. Le inventor es N. M. Imbertson de California. Usate, per exemplo, in le regulation del fluxo de rivieras, un tal dica pote esser inflate (de aqua o aere) usque al desirate magnitudine, sed — quando su servicio non es desirate — illo etiam pote, totalmente deflate, restar al fundo del aqua.

Photographia. — Photographias preste intra sex secundas post lor exposition es promittite per un procedimento disveloppate in le laboratorios del Corporation Goodyear Aerospace. Le photosensibile emulsion del placa o pellicula photographic comporta un "dormiente" agente de disveloppamento que deveni intensemente active e completa su function intra un secunda post su contacto con un activator special. Le stabilisation del imagine require tres secundas e le elutage duo.

Physiologia. — Le capacitate del pulmon de "respirar aqua in loco de aere" esseva demonstrate in canes e mures per Dr. J. Kylstra del Universitate Leiden. Post inserer tubos ad in le pulmones del anesthesiate animales, Dr. Kylstra inundava lor pulmones rhythmicamente, via le tubos, de aqua modificate con sal e sucro e artificialmente inrichite de oxigeno e assi manteneva le animales in normal functionamento physiologic durante periodos de usque a 43 minutas. On poterea dicer que Dr. Kylstra ha fortiate mures e canes a respirar como pisces. Tres del canes, que ha supervivite e vive curretemente como normal "canes de familia", ha essite decorate con medalias de argento del statounitese Administration National de Aero- e Cosmonautica qua "Canes Heroe de Recerca" del anno 1964.

Statistica Economic. — In 1963, le population del Statos Unite expendeva

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375 milliardos dollares pro "requirimentos personal". Le total includeva 76 milliardos pro alimentos, 52,4 pro le mantenentia e 48,9 pro le directo del occupantia de domicilios private, 47,2 pro transportation, 37,1 pro vestimentos, 23,6 pro hygiene e sanitare, 22,7 pro recreation e intertenimento, 11,0 pro bibitas alcoholic, 8,1 pro tabaco, 5,7 pro education e recercas non-governamental, e 5,4 pro activitates religiose e caritabile. Le subtotal de 23,6 milliardos pro hygiene e sanitare include 6,6 milliardos pro hospitalisationes, 5,9 pro servicios personal de medicos e dentistas, e 4,3 pro pharmacos e drogas in general.

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Questions

AGRICULTURE—How can satellites aid agriculture? p. 216.

ARCHAEOLOGY—What recent discovery is believed to be the earliest evidence of cannibalism among American Indians? p. 217.

GENERAL SCIENCE—What is one solution to the growth of government domination in science? p. 219.

MEDICINE—How is a balloon technique used to diagnose cancer? p. 214.

SOCIOLOGY—What incidents have demonstrated the failure of piecemeal reform for establishing racial justice in the United States? p. 215.

SPACE—In what area of the moon was the impact of Ranger 9? p. 213.

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