## Contents of Volume 104

## July, 1962

The Recognition and Management of Rupture of the Spleen	M. M. Musselman		I
The Doctor in the Changing World	Millard S. Rosenblatt		3
True Aneurysms of Traumatic Origin in the Palm	James W. Smith		7
Surgical Significance of Aberrant Bile Ducts.	James H. Foster	·}	14
Effect of Histadyl upon the Prevention of Peritoneal Adhesions	(Ralph J. Jacqmain	·}	20
Treatment of Flail Chest Injuries with a Piston Respirator	Herbert T. Ransdell, Jr		22
Carcinoma of the Cecum and Ascending Colon. An Analysis of Ninety-One Cases	Robert N. Berk Norman L. Sadowsky Sabin S. Levenson	· }	27
Electrocoagulation of Malignant Tumors.	Alfred A. Strauss	· }	37
Penetrating Abdominal Wounds in a Civilian Population	Leonard I. Goldman Dominic A. De Laurentis George P. Rosemond	}	46
Is Contralateral Exploration Indicated in Children with Unilateral Inguinal Hernia?	Leon C. Hamrick	. }	52
The Radiology of Pulmonary Change during the Postoperative Period	John R. Mitchell	•	54
Evaluation of the Indications for Laparotomy in Acute Cholecystitis	Howard J. Kesseler	•	61
Treatment for Facial Deformity in Lipodystrophia Progressiva	(R. Campbell Ower		65
Endvenectomy for the Relief of Obstruction of the Superior Vena Cava	John Y. Templeton, III	٠	70
Fracture of the Medial Epicondylar Epiphysis of the Humerus	William R. MacAusland, Jr.		77
A Simplified Method of Isolation Perfusion of Anticancer Drugs	Irving M. Ariel		82
Tender Grip Forceps	John Marion Loré	•	84
An Approach to Stenotic Lesions of the Proximal Superior Mesenteric Artery	Benjamin B. Jackson		86
A Case of Carcinoma of the Stomach	John F. Potter		89

iv Contents

Splenectomy in Hematologic Disorders	Gerald L. Sloane Beryl D. Averbook Melvin R. Kaplan	2	94
Transection of the Common Bile Duct Caused by Nonpenetrating Trauma	(David B. Hinshaw Gilbert R. Turner Richard Carter		104
Intussusception and Bleeding Caused by Inverted Meckel's Diverticulum	Henry G. Kelley, Jr.		108
Digital Lengthening by the Insertion of a Composite Graft of Bones, Joints and Tendons into Pedicled Tissue	Herbert Conway		III
Irreducible Posterolateral Dislocation of the Knee Joint with Grossly Intact Cruciate Liga-	Col. John J. Brennan Capt. Manfred E. Krause	· }	117
ments Diagnostic Corner Our Surgical Heritage	Lt. Col. William F. MacDona Sidney W. Nelson		120
	D. P. Hall		124
August, 196	2		
Pacific Coast Surgical Association: Presidential Address	John Raaf.		129
The Role of Radical Regional Lymphadenectomy in Treatment of Melanoma	Lewis W. Guiss Ian Macdonald	}	135
The Treatment of Recurrent or Metastatic Breast Cancer with Emphasis on the Use of 5-Fluoro- uracil	Leonard Dobson		142
Metastatic Neoplasms of the Vertebral Column Producing Compression of the Spinal Cord	(John C. Kennady W. Eugene Stern	.}	143
The Relation Between Plasma Volume Fall and Movement of Fluid into the Jejunum During Dumping	R. Bruce Winner James S. Clarke	$\left. \right\}$	169
Rupture of the Bronchus Following Closed Chest Trauma	Richard Carter Ellsworth E. Wareham Lyman A. Brewer, 111		177
Surgical Management of Diaphragmatic Defects in the Newborn Infant. A Report of Twenty Infants Each Less Than One Week Old (1956– 1961)	(Irving Meeker, Jr	}	196
Portacaval Shunt in Cirrhosis of the Liver. Clinical and Hemodynamic Aspects	William P. Mikkelsen Fred L. Turrill Arthur C. Pattison	:}	204
Acute Obstructive Cholecystitis. Pathogenesis and Surgical Aspects	David B. Hinshaw	·}	216
An Analysis of the Morbidity and Mortality Following Gastric Surgery for Ulcer	G. Edward Schnug	.}	224
Surgical Treatment of Gastrojejunal Stomal Ulcer	Glenn A. Young   Herbert J. Movius, 11	·	231

Contents ix

Isolated Perfusion for Head and Neck Tumors .	$\{J.\ B.\ Aust. \ . \ . \ . \ (R.\ K.\ Ausman \ . \ . \ . \ . \ .$		•	:}	697
The Treatment of Head and Neck Malignancies by Continuous Intra-Arterial Infusion of Methotrexate	George Balla			·	699
Laryngectomy with Radical Neck Dissection in Extensive Cancer of the Larynx.	Stephen W. Carveth Kenneth D. Devine William H. ReMine			}	70 <i>5</i>
Elective Pharyngofistula after Laryngectomy and Neck Dissection	Robert J. Schweitzer				708
The Use of Metal Prostheses Following Anterior Mandibulectomy and Neck Dissection for Car- cinoma of the Oral Cavity	Kumao Sako Frank C. Marchetta			.}	715
The Intra-Oral Use of Split-Thickness Skin Grafts in Head and Neck Surgery	Charles A. Slanetz, Jr.   Robin M. Rankow			:}	7 <b>2</b> I
Immediate and Secondary Reconstruction of the Floor of the Mouth and Mobilization of the Tongue by a New Technic	Philip F. Corso Frank P. Gerold			}	7 <b>2</b> 7
Soft Tissue Sarcomas of the Head and Neck	R. R. Braund			:}	732
Parotid Gland Tumors. Diagnosis and Treat- ment	Dwight C. Hanna    John C. Gaisford	•		:}	737
Cancer of the Paranasal Sinuses. A Study of the Results of Various Methods of Treatment in Fifty-Four Patients	Edward J. Tabab	•			74 <sup>I</sup>
Carcinoma of the Lip	Colette Perras				746
Cancer of the External Ear	[E. J. Schewe, Jr			:}	7 <i>5</i> 3
Long-Term End Results in Bridging Esophageal Defects in Human Beings with Teflon Pros- theses	H. Mason Morfit David Kramish				756
Nonsuture Intestinal Anastomosis	(Philip O'Neill) John E. Healey, Jr R. Lee Clark H. Stephen Gallager			. (	761
An Instrument for Testing the Medial and Lateral Collateral Ligament Stability of the Knee	Karl K. Klein		•	•	768
Papillary Carcinoma of the Thyroid in Thyro- glossal Duct Cysts	( Joseph F. Rochetto			•	773

Contents

Primary Carcinoma of the Appendix	Roger Wilson	238
Complications Associated with the Use of Eso- phageal Compression Balloons	William D. Byrne	<b>2</b> 50
Clinical Experiences with Perforation of the Esophagus	(Carleton Mathewson, Jr ) William E. Dozier	<b>25</b> 7
Studies on the Effect of Stress on Transplants of Autologous and Homologous Connective Tissue	(William W. Krippaehne) Thomas K. Hunt	<b>26</b> 7
Practical Applications of Experimental Studies in the Care of the Primarily Closed Wound	[J. Englebert Dunpby ] David S. Jackson ]	<b>2</b> 73
Closed Chest Cardiac Resuscitation	Laurence M. Rivkin   Benson B. Roe   Richard E. Gardner	283
Is There Immunity to the Virus(es) of Serum Hepatitis?	J. Garrott Allen : : .	<b>2</b> 92
Surgical Explorations in the Area Between the Macroscopic and the Microscopic: The "Metascopic" Zone	John A. Gius	296
Successful Homotransplantation of the Canine Heart After Anoxic Preservation for Seven Hours	Richard R. Lower	302
Calcific Aortic Stenosis	Frank Gerbode	) 307
The Effect of Aorto-Iliac Occlusion and Sympathectomy on Aorto-Iliac Blood Flow. An Experimental Study	Roy Cobn	316
Surgery of the Carotid-Vertebral System for Cerebrovascular Insufficiency	L. Dean Gibson  Max R. Gaspar  Herbert J. Movius, II	326
Correction of Aneurysm of the Ascending Aorta and of Aortic Insufficiency in Marfan's Syn- drome	(D. H. Dillard	337
Some Observations on the Diagnosis and Treat ment of Thoracic Aneurysms	John E. Connolly	34

vi Contents

Surgical Management of Infected Aneurysms	G. H. Lawrence	355
Book Reviews		. 363
September, 1	962	
Introduction: Symposium on Intestinal Obstruc-		
tion	Harold A. Zintel	. 367
Mechanical Small Bowel Obstruction	(Larry Coletti Robert Edmunds Allen John Togut Harold A. Zintel	370
Obstruction of the Small Bowel. Results in Eighty-Three Acute and Chronic Cases	Capt. Lester F. Williams. Lt. Col. Carl W. Hughes. Col. Warner F. Bowers	376
Intestinal Obstruction Caused by Gallstones	Theodore S. Raiford	. 383
Tumors of the Small Intestine and Intestinal Obstruction. A Report of Fifteen Original Cases Including Four Cases of Jejunal Carcinoma	Louis P. River John W. Tope William F. Ashley	395
Intestinal Obstruction in Infancy and Childhood	Kare Ohma William B. Kiesewetter	·} 403
Plication in the Surgical Treatment of Chronic Recurrent Intestinal Obstruction	Edgar J. Poth	. 413
Tube Decompression in Intestinal Obstruction	Grafton A. Smith	. 419
Long Coiled Spring Tube for Operative Intestinal Decompression	Arnold S. Leonard Demetre M. Nicoloff Ward O. Griffen, Jr. Edward T. Peter Owen H. Wangensteen	· } 427
Jejunal Obstructions	Richard Martorell.	. 433
Intestinal Obstruction Caused by Unusual Hernia	C. Herbert Fredell	. 439
Food as a Cause of Intestinal Obstruction	P. Bertil Norberg	. 444
Congenital Atresia of the Small Intestine	Edward G. Stanley-Brown .	. 448
An Unusual Case of Small Bowel Obstruction Caused by a Staghorn Calculus with Pyelo- enteric Fistula	Daniel C. Loebrer	458
Current Views Related to Management of Large Bowel Obstruction Caused by Carcinoma of the Colon	$\begin{cases} Alex \ W. \ Ulin \ . & . & . \\ Edward \ W. \ Ebrlich \ . & . \end{cases}$	;} 463
Volvulus of the Colon	Robert Bruce Sawyer	468
The Acutely Obstructed Colon	Alec Horwitz	·} 474
The Toxic Factor in Closed Loop Obstruction .		482

	• •
Contents	VII
Controlled	

Roentgenographic Appraisal of Large Bowel Obstruction in Adults	Theresa L. Siebert	490
	Newton L. Masson	500
October, 196	2	
House Staff Experiences	John A. Schilling	<b>50</b> 7
The Role of the Animal Laboratory in the Education of a Surgeon	John L. Keeley	508
Coagulation Defects in Patients with Cirrhosis of the Liver Undergoing Portasystemic Shunts.	Carlo E. Grossi	512
The Effect of Intestinal Gases upon Intestinal Decompression Tubes	Meyer O. Cantor	<b>52</b> 7
Primary Adenocarcinoma of the Esophagus	Leon P. Scicchitano   Rudolph C. Camishion	§ 531
An Experimental Study of Thyroid Grafting in the Euthyroid, Myxedematous and Hyperthyroid States	William Douglas Clark	<b>534</b>
Cavopulmonary Anastomosis in Atresia of the Tricuspid Valve	Pavol Šteiner       Dalibor Kulišek	639
Revascularization of the Ischemic Kidney by Means of an Ileac Loop	Capt. Abraham T. K. Cockett Chester C. Winters	<b>543</b>
Pneumoperitoneum in Perforated Duodenal Ulcer	Robert H. Edwards	<b>551</b>
Surgical Indications and Treatment of Acute Pelvic Inflammatory Disease	Arnold M. Epstein	555
What the Surgeon Should Know About the Narcotic Addict	Martin E. Felder	. 560
The Use of Intravenous Pyelograms in Screening Hypertensive Patients	Richard J. North    John R. Derrick	564
Fate of Long-Term Cannulation of the Right Atrium and Femoral Artery under Normal and Abnormal Conditions	Panagiotis C. Petropoulos	. 569
Emergency Surgery in a Community Hospital .	Richard B. Magee	· 575
The Significance of Sarcoid-Like Lesions in Association with Malignant Neoplasms	McKenzie P. Moore, Jr	· } 577
Obstructive Jaundice in the Elderly Patient.	(Thomas S. Morse	. \ 587

viii Contents

II	Arthur Lehrman	•
Heterotopic Bone in Laparotomy Scars	{Joseph H. Pratt Edith M. Parkbill	. } 591
Radical or Expectant Therapy of Acute Chole-	(Laus M. Parkuu	• )
cystitis	Eino E. Vuori	. 597
·	(Theodore Golden	.1
Primary Healing of Skin Wounds and Incisions with a Threadless Suture	Albert H. Levy	. } 603
with a Threadless Suture.	William P. O'Connor	.) ~
	[R. H. Smithwick	
	C. W. Howe	1 _
The Smithwick Gastrointestinal Clamp	C. W. Robertson	. { 613
	D. A. Farmer C. H. Fuller	• }
A Case of Carcinoma of the Esophagus	John F. Potter	· / . 628
Injuries to the Popliteal Artery Among the		. 020
Young. Report of Six Cases	Robert Freeark	633
	(David Presman	.) ]
Penile Horn	Donald Rolnick	640
Lipomas of the Colon. The Importance of Accu-	(	ì
rate Diagnosis in Preventing Unnecessary	Harvey J. Raszkowski	642
Radical Surgery	LeMon P. Clark, 111.	
Our Surgical Heritage	D. P. Hall	. 647
Diagnostic Corner	Sidney W. Nelson	. 650
November, 19	062	
November, 19		,
Introductory Remarks	(H. Mason Morfit	655
	(Calvin T. Klopp	.) ~~
Epithelial Tumors of the Lacrimal Gland. A Comparison of the Pathologic and Clinical Behavior	Theodore E. Sanders	. 60-
with Those of the Salivary Glands	Lorenz E. Zimmerman	. 657
with Those of the banvary blands.	(Lewis B. Woolner	)
The Surgical Aspects of Thyroiditis	William M. McConabey	666
and confirm only the control of the	Oliver H. Beabrs	$\int$
	(Ashbel C. Williams	.)
Thyroid Cancer in 1,330 Cases of Surgical Goiter.	{James M. Davis	. 672
	(Andrew A. Kiely	.)
Lingual and Hyoid Thyroid	Jacques Turcot	. 677
Elective Esophagostomy	[Alfred S. Ketcham	682
	Robert R. Smith	.)
Some Historical Developments of the Surgical		.)
Therapy of Tongue Cancer from the Seven-	Waid Rogers J. Bradley Aust	. 686
teenth to the Nineteenth Century	•	· <b>/</b>
Multifocal Carcinogenesis in the Oral Cavity	Donald P. Shedd Morton M. Kligerman	: \\ 692
	George F. Gowen	1 092

x Contents

Hemorrhagic Cyst of the Spleen. Report of Two Cases	J. Cuthbert Owens Anthony J. Palmieri	; } 777
Primary Leiomyoma of the Greater Omentum .	Charles D. McCullough	·} 785
Renal Leiomyoma in a Newborn Infant	Frances Reeder	·} 788
Congenital Ureteral Valve with Clinical Syndrome of Acute Appendicitis	A. K. Amir-Jahed	. 791
Book Reviews		. 795
December, 19	62	
Management of Fractures	George J. Curry	. 797
The Surgical Exposure of Fractures	Thomas B. Quigley	. 799
Parosteal Fasciitis. A Self-Limited Benign Process That Simulates a Malignant Neoplasm	(Robert V. P. Hutter Frank W. Foote, Jr. Kenneth C. Francis Norman L. Higinbotham	800
Traumatic Wounds of the Liver	F. M. Simmons Patterson	. 808
Chemodectoma of the Glomus Intravagale (Vagal-Body Tumor).	William S. Johnson Oliver H. Beahrs Edgar G. Harrison, Jr.	812
Cholecystostomy	R. Randolph Bradham G. S. Nettles	821
A Comparative Study of Prosthesis Applied to the Outflow Tract of the Right Ventricle	Takashi Iwa	825
Rectal Bleeding in Children	Berel Abrams	} 831
Effect of Preservation of the Pyloric Sphincter During Antrectomy on Postoperative Gastric Emptying	Duncan A. Killen	836
An Experimental Evaluation of Suture Materials in the Anastomosis of the Esophagus in Growing Animals		843
Aortic Intra-Aneurysmal Abscess Caused by Sigmoid-Aortic Fistula		} 850
Trauma in Children in a General Hospital	Richard W. Zollinger Patrick J. Creedon Julio Sanguily, Jr	855
Congenital Atresia of the Colon	Bertram D. Cohn	. 861
Lymphatic Spread in the Surgical Treatment of Lung Cancer	Wally Gordon	. 866

Contents xi

Annular Pancreas	•	·	869
Primary Pyloric Hypertrophy in the Adult . $\begin{cases} R. \ Thomas \ McLaughlin \\ Gordon \ F. \ Madding \end{cases}$		·}	874
Hiatal Hernia and Lower Esophageal Ring \( \begin{aligned} \ \ Z. C. Edelson \\ Millard S. Rosenblatt \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		· }	879
Endometriosis of the Extraperitoneal Round Ligament	•		883
A Complication of Ventriculoplasty (Church E. Murdock, Jr Rhett P. Watker		· }	887
A Plastic Isolator for Operating in a Sterile Environment			
Evaluation of a Chemical Depilatory for Pre- operative Preparation of Five Hundred Fifteen Surgical Patients		- } - }	900
A Case of Wilms's Tumor John F. Potter			907
Our Surgical Heritage			91
Book Reviews			915
Author Index.			917
Subject Index			910