History of the Department of Head and Neck Surgery at Roswell Park Cancer Institute

Donald P. Shedd, M.D. & Thom R. Loree, M.D.
Dedication:

This book is dedicated to
Dr. Vahram Y. Bakamjian and the late Dr. Kumao Sako.
History of the Department of Head and Neck Surgery at Roswell Park Cancer Institute

Donald P. Shedd, M.D., F.A.C.S.
Chief of the Department, 1967–1996

Thom R. Loree, M.D., F.A.C.S.
Chief of the Department, 1999–

Buffalo, New York
Contents:

<table>
<thead>
<tr>
<th>Section</th>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acknowledgments</td>
<td>6</td>
</tr>
<tr>
<td>1</td>
<td>Introduction</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>An Overview of the History of the Department</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>Books from the Department</td>
<td>16</td>
</tr>
<tr>
<td>4</td>
<td>Fellowship and Residency Program</td>
<td>17</td>
</tr>
<tr>
<td>5</td>
<td>A Snapshot of the Department in the 1972–73 Academic Year</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>Biographical Notes and Activities of Clinical Staff</td>
<td>23</td>
</tr>
<tr>
<td>7</td>
<td>Other Important Contributors</td>
<td>41</td>
</tr>
<tr>
<td>8</td>
<td>Concluding Comments</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Photos</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>Selected Bibliography</td>
<td>52</td>
</tr>
</tbody>
</table>

List of Tables and Appendix

*Table 1:* Chronology of major events in the history of the Department of Head and Neck Surgery

*Table 2:* Listing of individuals who served fellowships in the department

*Table 3:* Residents and fellows on the B section in 1973

*Table 4:* Extra-departmental activities of members of the department

*Table 5:* Countries where department members were involved in educational events

*Table 6:* Chiefs of the department and sections

*Table 7:* Staff members, 1949–present

*Appendix:* Department secretaries and laboratory technicians
Acknowledgments

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We are grateful to Dr. Paul Tomljanovich for the title page illustration.
Section 1: Introduction

This document is a history of the Department of Head and Neck Surgery at Roswell Park Cancer Institute (RPCI) as of 2006.

One of the authors (DPS) came to RPCI in 1967 and retired in 1996. A limited amount of material is provided on the period before 1967. Coverage of the period after 1996 is provided in this report.

This was an interesting time in the history of head and neck oncology—a period that saw a number of important developments across the world. A few of these that are listed below were cited in an article, The Making of a Specialty by Jatin P. Shah, that appeared in the American Journal of Surgery, 176:398–403, November 1998.

- Evolution of cranio-facial and skull base surgery;
- Improvements in radiation therapy;
- Advances in rehabilitation and reconstruction;
- Development of microsurgery and free tissue transfer;
- Appearance of CAT scans and MRI’s;
- Utilization of the LASER;
- Advances in chemotherapy and combinations of this treatment modality with radiation and surgery exemplified by the VA study of organ preservation.
- Studies of chemoprevention;
- Utilization of molecular biology and genetics and
- Advances in endoscopy, including the use of suspension laryngomicroscopy.
Section 2:
An Overview of the History of the Department

What is now Roswell Park Cancer Institute was established in 1898 when Dr. Roswell Park, a Buffalo surgeon, assisted by Edward H. Butler, Sr., publisher of the Buffalo Evening News, was able to convince the state government to appropriate ten thousand dollars to establish a laboratory for cancer research. The original laboratory was part of the University of Buffalo School of Medicine. Over the years it grew to become the present cancer institute. The details of this growth are provided in Dr. Edwin Mirand’s, Legacy and History of Roswell Park Cancer Institute, 1898–1998 (Donning Company Publishers, Virginia Beach, 1998). An appropriate beginning for a history of head and neck surgery at Roswell Park Cancer Institute (RPCI) is to report on activities of Dr. Roswell Park (1852–1914) in head and neck surgery. In his 1907 textbook, Principles and Practice of Modern Surgery (Philadelphia: Lea and Brothers, 1907), Dr. Park gives a picture of the state of treatment of hyperthyroidism at the beginning of the twentieth century. At that time, the hormonal basis of hyperthyroidism was not known, and the treatment described was cervical sympathectomy. It was felt that this would somehow help the thyrotoxic patient. Thyroid operations were a formidable undertaking at that time, so much so that Park’s textbook describes the use of a pneumatic pressure suit to prevent shock during surgery.

Additionally, Dr. Park performed what was probably the fourth laryngectomy in the United States. (See his, “A case of total extirpation of the larynx,” Ann. Surg. 1886; 3:28). The operation was done at Buffalo General Hospital. RPCI was not in existence at that time. His detailed report tells of how the patient became confused after the operation and tried to jump out of the window of his hospital room. Fortunately, his nurse was able to restrain him and prevent what would have been a disastrous post-operative catastrophe. The patient made a good recovery, and his speech
rehabilitation program included the use of a reed device developed by Gussenbauer of Germany, an associate of Theodor Billroth.

The first individual to be identified with a head and neck service at Roswell Park was Dr. Walter L. Mattick. Some information about him and the service is to be found in the old annual reports of the Institute. He appears in 1928 listed as a physician in the High Voltage X-ray Dept. Later, Dr. Mattick is identified variously as an internist, roentgenologist, and laryngologist. In 1936 he was certified as a radiologist by the American Board of Radiology. His was the second such certification in Buffalo. In that year he was mentioned as being connected with ear, nose and throat, endoscopy and chest. He published papers on methods of radiation therapy in tonsillar, pharyngeal and lip cancer.

In 1940, Roswell Park Cancer Institute had a capacity of 108 beds. It does not appear that much surgery was done at that time. In that year there were ten operations involving the head and neck and forty-nine laryngoscopies. In 1944 Dr. Mattick’s service was referred to as “head, neck and chest.” In that year there were forty-five major and seventy-seven minor head and neck operations done. In 1954, Dr. Frank C. Marchetta took charge of head and neck patients, and Dr. F. Stanley Hoffmeister, a plastic surgeon, joined the department. At that time, in order to have some of the head and neck patients be cared for by Dr. Hoffmeister, the patient load was divided into two halves, with Dr. Hoffmeister caring for individuals in the second half of the alphabet (“Head and Neck B”), and those in the first half (“Head and Neck A”) under Dr. Marchetta. The B unit also provided plastic surgery care for patients with problems involving parts of the body beyond the head and neck. Dr. Hoffmeister worked at RPCI until 1967.

In 1958 Dr. Marchetta was joined by Dr. Kumao Sako, who served the department with distinction until his retirement in 1991. Dr. Sako made numerous contributions to the department in clinical, educational and research realms. Among his efforts was the compilation of a large volume of collected reprints from the department. In 1956 Dr. Vahram Bakamjian, a plastic surgeon, joined Dr. Hoffmeister on Head and Neck B. Dr. Bakamjian’s imaginative approaches to reconstruction culminated in his
development of the delto-pectoral flap, a method that was the work-horse of head and neck reconstruction for many years. He presented his work on this method to the Society of Head and Neck Surgeons in 1967. Dr. Peter Calamel, a plastic surgeon with a dental background, was also a contributor to the work of the unit from 1968 to 1989, and Dr. M. S. Razack was an active participant in the activities of the unit from 1974 to 1989.

In 1967 Dr. Donald Shedd, a general surgeon from Yale University, was appointed chief of the department with the commission to consolidate the heretofore separate A and B units into one department. A single departmental conference was initiated, and the two units became sections of a single department.

In 1974 the department received a grant from the National Cancer Institute to develop a regional teaching network, in conjunction with Dr. John M. Loré of the University at Buffalo, with the goal of improving professional education in head and neck oncology. The grant permitted the hiring of a nurse clinician with the mission of upgrading the rehabilitation aspects of patient care. This position, originally on grant funds, was later made a New York State budget item, allowing this important component of optimal patient management to become permanent. The National Cancer Institute Head and Neck Network grant provided invaluable support for a number of activities over a six-year period. Representatives of the participating institutions in the network across the country met once or twice a year to exchange information. The professional leadership at the national level was provided by Dr. Joseph Ogura of St. Louis.

The clinicians in the department worked hard over the years, and their efforts achieved a level of national and international recognition. One aspect of this status was the approval of our departmental fellowship by the Joint Council on Advanced Training in Head and Neck Oncologic Surgery of the Society of Head and Neck Surgeons and the American Society for Head and Neck Surgery. Initially there was only small number of these approved programs across the country.

In the 1980s a microsurgery teaching laboratory was established in the department by Dr. Shedd. This provided a place where interested individuals
could obtain training in the techniques of microvascular anastomosis. A vital key in this project was the contribution of Ms. Alice Spies, a nurse and a laboratory technician. She later became president of the National Society of Microsurgery Specialists.

With the arrival of Dr. Wesley Hicks in 1991, the research activities of the department were increased as Dr. Hicks carried out studies on the in vitro growth of respiratory epithelium with a view toward tracheal reconstruction. 

Dr. Thom Loree joined the department in 1993. The armamentarium of reconstructive surgery was expanded as Dr. Loree carried out free tissue transfer procedures. Dr. Loree also brought a high level of expertise in the management of thyroid disease.

Drs. Hicks, Loree and Shedd worked with Dr. L. N. Hopkins and Dr. Kevin Gibbons of the University at Buffalo’s Department of Neurosurgery to set up a cranial base surgery unit. Such a unit is recognized as an important component of modern head and neck care.

Dr. Mark DeLacure, board certified in otolaryngology and plastic surgery, joined the department in 1994, bringing with him a high level of expertise in microsurgery.

Head and Neck was an independent department for many years. However, when Dr. Nicholas Petrelli became chief of the Division of Surgical Oncology, Head and Neck became a department within that division. In 2001, under the leadership of Dr. Loree, Head and Neck again became a separate, independent department.

One of the highlights of the department over the years was the close collaboration with the Department of Dentistry and Maxillofacial Prosthetics, particularly with Dr. Norman Schaaf, Dr. William Carl and Dr. Maureen Sullivan. Dr. Schaaf retired as chief of the department in 2000 and was replaced by Dr. Sullivan.

A second highlight was the collaboration with speech pathologists, Salvatore Cardinale, Nila Aguilar, Margaret Hanna and James Smalldino. These individuals worked hard to assist laryngectomy patients to regain speech. Some of the speech pathologists also became skillful in analysis
and management of deglutition disorders.

Another important area of collaborative activity was with the Department of Pathology. Dr. John Gaeta and Dr. Uma Rao gave the Head and Neck Department very high levels of cooperation in patient care. Numerous frozen sections during long operations for margin checks were one of the areas of support. Over the years the relationship with the radiation therapists was important, with particular reference to Drs. John Webster, T. Y. Chen, K. H. Shin, Richard Johnson, Jamie Orner, William Giese and Wainwright Jaggernauth. A number of nurses also made significant contributions to the department. For example, Janet Trowbridge served for years with distinction as head nurse of unit seven east, one of the two head and neck floors. Marian Olson provided good service to the unit as she addressed the complex rehabilitation issues of the head and neck patient for several years. Mary Anne Heiser worked in a similar capacity and became an expert in analysis and management of deglutition disorders. Ann Marie Bauer was the first nurse practitioner in the department, and Carol Butch was in charge of the outpatient unit. and later became clinic coordinator.

New York State financial support of the department was limited over many of the years covered by this report, and outside grants were of major assistance.

In 1996 Dr. Bakamjian retired and Dr. Shedd retired as chief of the department. He was succeeded for a short period by Dr. Mark DeLacure. In 1999 Dr. Thom Loree assumed the chairmanship. The addition of Dr. Nestor Rigual in 2000 strengthened the department’s manpower. His interest in the methods of supra-cricoid laryngectomy added an important component to the types of care the department could offer. The addition of Dr. Paul Tomljanovich, a plastic surgeon, in 2000 brought additional expertise in reconstructive surgery. His artistic talent was also a definite asset. Dr. John Loré joined the department in 2000 and served with distinction until his death in 2004.

Dr. Saurin Popat joined the department in 2006.

The chronology section of this report (Table 1) provides additional
details on events over the years covered.

The ever-present challenge in care of head and neck patients remains to this day that of bringing together the various disciplines involved, including:

- Dentistry and maxillofacial prosthodontia
- General surgery
- Medical oncology
- Neurosurgery
- Nursing
- Otolaryngology
- Pathology
- Plastic surgery
- Radiation oncology
- Rehabilitation
- Speech pathology
- Other disciplines.

This era at Roswell Park Cancer Institute fortunately was characterized by an environment that permitted these disciplines to come together in an integrated and coordinated manner.

**Table 1**

Chronology of major events in the history of the Department of Head and Neck Surgery.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1898</td>
<td>Dr. Roswell Park obtains funds and establishes the Institute</td>
</tr>
<tr>
<td>1928</td>
<td>Dr. Walter Mattick, becomes chief of Head and Neck Surgery, a</td>
</tr>
<tr>
<td></td>
<td>position he holds until 1954</td>
</tr>
<tr>
<td>1951</td>
<td>Dr. F. C. Marchetta joins the staff</td>
</tr>
<tr>
<td>1954</td>
<td>Dr. F. S. Hoffmeister joins the staff</td>
</tr>
<tr>
<td></td>
<td>Creation of Head and Neck A and Head and Neck B units</td>
</tr>
<tr>
<td></td>
<td>Dr. Hoffmeister becomes chief of B unit, a position he holds until 1967</td>
</tr>
<tr>
<td></td>
<td>Dr. Marchetta becomes chief of A unit, a position he holds until 1976</td>
</tr>
</tbody>
</table>
1954  Dr. Mattick retires
1956  Dr. V. Bakamjian joins the staff
1958  Dr. K. Sako joins the staff
1967  Dr. Bakamjian’s presentation on the delto-pectoral flap at the Society of Head and Neck Surgeons meeting
1967  Dr. Hoffmeister leaves RPCI
1967  Dr. D. P. Shedd joins the staff
Consolidation of Head and Neck A and Head and Neck B units
1974  RPCI/University at Buffalo Head and Neck Cancer Network Project under National Cancer Institute support to 1980
1976  Dr. Marchetta enters private practice
1977  Dr. Shedd becomes president of Society of Head and Neck Surgeons
1978  International Conference on Surgical Speech Rehab at RPCI
1982  Dr. Loré becomes president of Society of Head and Neck Surgeons
1986  Dr. Shedd presents the Hayes Martin lecture to the Society of Head and Neck Surgeons in Colorado
1986  Dr. Marchetta becomes president of Society of Head and Neck Surgeons
1986  Dr. Loré becomes president of American Society for Head and Neck Surgery
1989  Dr. Razack enters private practice
1991  Dr. Bakamjian receives a special award from Society of Head and Neck Surgeons
1991  Dr. W. L. Hicks joins the staff
1993  Dr. T. R. Loree joins the staff
1994  Dr. M. D. DeLacure joins the staff
1995  Dr. T. Tomasi retires as CEO of RPCI
1996  Drs. Bakamjian and Shedd retire
1996  Dr. M. DeLacure is appointed chief of the Division of Head and Neck Surgery
1996  Dr. David Hohn is appointed CEO of RPCI
1996    American Head and Neck Society Fellowship approved for five-year period
1997    American Head and Neck Society Fellowship becomes a two-year position
1998    Dr. DeLacure departure
1998    Department of Head and Neck Surgery moves into the new hospital building
1999    Publication of *Historical Landmarks in Head and Neck Cancer Surgery*, by D. Shedd, by the American Head and Neck Society
1999    Death of Dr. William Carl.
1999    Dr. T. Loree appointed chief of the department in August
2000    Dr. N. Petrelli resigns as head of Surgical Oncology
2000    Dr. Nestor Rigual and Dr. Paul Tomljanovich join the staff
2000    Dr. N. Schaaf retires
2000    Dr. M. Sullivan appointed chief of Department of Dentistry
2000    Department of Dentistry merges with Department of Head and Neck Surgery
2000    Official department name becomes Department of Head and Neck Surgery and Plastic and Reconstructive Surgery
2001    Separation of Department of Head and Neck Surgery from Department of Surgical Oncology in January
2002    Alice Spies, RN, retires, continues part time in microsurgery
2002    Carol Butch, RN, goes from clinic head nurse to clinic coordinator
2002    Dr. John M. Loré joins the staff
2003    Regular rotation of Surgical Oncology Fellows through the department ends. Becomes an elective rotation
2003    American Head and Neck Society Fellowship receives new five-year approval
2004    Death of Dr. John M. Loré
2004    International fellowship program begins in partnership with Dr. Kuriakose of India
2006    Dr. Saurin Popat joins the staff
Section 3: Books Published from the Department

Below is a listing of books that have been published by Members of the Department of Head and Neck Surgery since 1980. The list does not include instances where members have contributed chapters to books written by others.


Section 4:

Fellowship and Residency Program

Over the years the fellows and residents in the Department of Head and Neck Surgery played a vital role. In 1967 an affiliation was initiated with the Department of Plastic Surgery at Stanford University whereby a new fellow came every six months for a six-month rotation to the B unit of the department. Among the outstanding residents who participated was a 1967 fellow, Dr. David Dibbell, who later became chief of the Department of Plastic Surgery at the University of Wisconsin in Madison.

Beginning sometime prior to 1967, a similar affiliation was agreed to with the Department of Plastic Surgery at the University of Rochester whereby every six months one of their residents would come to the B unit for a six-month rotation.

There was established a Joint Council on Training between the Society of Head and Neck Surgeons and the American Society for Head and Neck Surgery. The council established requirements for one-year fellowships in head and neck surgery. Later the duration of the fellowships was extended to two years. Our department at Roswell was included in the first group nationally to be approved for these fellowships, which have continued until the present day.

Over the years the department participated in the Roswell Park Department of Surgical Oncology fellowship program by receiving in rotation fellows from that department for variable periods of time. This rotation was made an elective in 2003. The reputation of Dr. Bakamjian was a factor in attracting a number of high-quality plastic surgery fellows from around the world, who came usually for six-month assignments on the B unit. A significant number of these were from Australia.

One of the former fellows, Dr. James Edward M. Young, established a practice in Hamilton, Ontario. His impressive work in the field led to his election as president of the Society of Head and Neck Surgeons in 1994.
Several fellows are remembered for their unusual methods of getting to Buffalo. Dr. Alan Leonard of Northern Ireland and some companions sailed a thirty-one foot boat from their home in Northern Ireland to the Caribbean. Dr. Leonard then flew to Buffalo for his six-month rotation. At the conclusion of the assignment, the group sailed back to their homeport. Another fellow, Dr. David Fogarty, rode a motorcycle 300 miles from West Virginia to arrive here for his six-month fellowship.

There was one tragic event in the fellowship program. A Fellow from Thailand, Dr. Pirapol Sunthonpalin, lost his life in a one-car accident near the end of his six-month stay.

The number of high quality fellows was a significant factor in the accomplishments of the department over the years.

**Table 2**

List of individuals who served fellowships in the department.

The records of the department are lacking exact listings on all the rotators from Rochester, from Stanford, and from the Roswell Park Surgical Oncology program. In this respect the table is incomplete. Information is also not available on some of the fellows who served before 1967

<table>
<thead>
<tr>
<th>Name</th>
<th>Starting Year of Fellowship</th>
<th>Present Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matsuura, Hidehiro</td>
<td>Not listed</td>
<td>Nagoya, Japan</td>
</tr>
<tr>
<td>Maxwell, Walter</td>
<td>1960</td>
<td>Rochester, NY</td>
</tr>
<tr>
<td>Watne, Alvin</td>
<td>1962</td>
<td>Shabbonah, IL</td>
</tr>
<tr>
<td>Pradier, Roberto</td>
<td>1963</td>
<td>Buenos Aires, Argentina</td>
</tr>
<tr>
<td>Dibbell, David</td>
<td>1967</td>
<td>Madison, WI</td>
</tr>
<tr>
<td>Sheridan, Brian</td>
<td>1969</td>
<td>Darlinghurst, Australia</td>
</tr>
<tr>
<td>Mehta, Ashok</td>
<td>1970</td>
<td>Bombay, India</td>
</tr>
<tr>
<td>Cervino, Lawrence</td>
<td>1972</td>
<td>Akron, OH</td>
</tr>
<tr>
<td>McColl, Harry</td>
<td>1974</td>
<td>Deceased</td>
</tr>
<tr>
<td>Kalnins, Ian</td>
<td>1974</td>
<td>Australia</td>
</tr>
<tr>
<td>Brown, Robert</td>
<td>1975</td>
<td>Opelika, AL</td>
</tr>
<tr>
<td>Name</td>
<td>Year</td>
<td>Location</td>
</tr>
<tr>
<td>----------------------------</td>
<td>------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Neil, Suzanne</td>
<td>1975</td>
<td>Sydney, Australia</td>
</tr>
<tr>
<td>Young, James E. M.</td>
<td>1975</td>
<td>Hamilton, Ont.</td>
</tr>
<tr>
<td>Leonard, Alan</td>
<td>1976</td>
<td>Belfast, Northern Ireland</td>
</tr>
<tr>
<td>Morain, William</td>
<td>1976</td>
<td>Lamont, IA</td>
</tr>
<tr>
<td>Archibald, Stuart</td>
<td>1979</td>
<td>Hamilton, Ont.</td>
</tr>
<tr>
<td>Beecroft, Wayne</td>
<td>1980</td>
<td>Deceased</td>
</tr>
<tr>
<td>Sabatier, Richard</td>
<td>1981</td>
<td>New Orleans, LA</td>
</tr>
<tr>
<td>Cohen, Mimis</td>
<td>1982</td>
<td>Chicago, IL</td>
</tr>
<tr>
<td>Ring, Alejandro</td>
<td>1982 &amp; 1983</td>
<td>Mar del Plata, Argentina</td>
</tr>
<tr>
<td>Gilas, Thomas</td>
<td>1984</td>
<td>Toronto, Ont.</td>
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<tr>
<td>Kotwall, Cyrus</td>
<td>1985</td>
<td>Wilmington, NC</td>
</tr>
<tr>
<td>Tabah, Roger</td>
<td>1986</td>
<td>Montreal, Quebec</td>
</tr>
<tr>
<td>Salwen, Walter</td>
<td>1987</td>
<td>Allen Park, MI</td>
</tr>
<tr>
<td>Rodriguez Bigas, Miguel</td>
<td>1988</td>
<td>Houston, TX</td>
</tr>
<tr>
<td>Saha, Sukamal</td>
<td>1989</td>
<td>Flint, MI</td>
</tr>
<tr>
<td>Ramzy, Joseph</td>
<td>1990</td>
<td>Wilmington, DE</td>
</tr>
<tr>
<td>Finley, Robert</td>
<td>1991</td>
<td>Dayton, OH</td>
</tr>
<tr>
<td>Garcia, Rafael</td>
<td>1992</td>
<td>El Paso, Texas</td>
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<tr>
<td>Goldfarb, Glenn</td>
<td>1993</td>
<td>Scottsdale, AZ</td>
</tr>
<tr>
<td>Sirotnak, John</td>
<td>1994</td>
<td>Scranton, PA</td>
</tr>
<tr>
<td>Mullins, Alan</td>
<td>1995</td>
<td>Owensboro, KY</td>
</tr>
<tr>
<td>Kuriakose, Abraham</td>
<td>1996</td>
<td>India</td>
</tr>
<tr>
<td>Kolli, Venkateswara</td>
<td>1997</td>
<td>Niagara Falls, NY</td>
</tr>
<tr>
<td>Datta, Rajiv</td>
<td>1998</td>
<td>Long Island, NY</td>
</tr>
<tr>
<td>Seiczka, Elizabeth</td>
<td>1999</td>
<td>New York, NY</td>
</tr>
<tr>
<td>Wiseman, Samuel</td>
<td>2000</td>
<td>Vancouver, BC</td>
</tr>
<tr>
<td>Douglas, Wade</td>
<td>2001</td>
<td>Georgia</td>
</tr>
<tr>
<td>Alrawi, Sadir</td>
<td>2002</td>
<td>Buffalo, NY</td>
</tr>
<tr>
<td>Reidy, James</td>
<td>2003</td>
<td>Phoenix, AZ</td>
</tr>
<tr>
<td>Mojica-Manosa, Pablo</td>
<td>2003</td>
<td>California</td>
</tr>
<tr>
<td>Krishnamoorthy, Kumaresh</td>
<td>2004</td>
<td>India</td>
</tr>
<tr>
<td>Alnajjar, Samer</td>
<td>2006</td>
<td>Detroit, MI</td>
</tr>
</tbody>
</table>
Section 5:  
A Snapshot of the Department in the  
1972–73 Academic Year

In terms of understanding the history of the department, it is helpful to take a close look at one particular year, in this case the academic year 1972–1973, approximately thirty-five years ago. This portion of the document has more information on the B section than on the A section because of greater availability of data.

Patient Care Activities:  
The staff of the department in 1972–1973 consisted of Dr. Vahram Bakamjian, Dr. Peter Calamel, Dr. Frank Marchetta, Dr. Kumao Sako, Dr. Donald Shedd, and Dr. Norberto Silva. Dr. Marchetta had an outside private practice. The other individuals were full time at Roswell. Biographical notes on most of these individuals appear below.

The patients were housed on two units, 7 East and 7 West in the previous hospital building. There were approximately twenty beds on each of the two units. The weekly tumor conference took place in the solarium of 7 East, and at those conferences actual live patient presentations occurred. The statistics of the department in that year are of interest:

- A total of 575 operations were performed, of which 82 were composite resections and 178 were endoscopies.
- A total of 90 operations and 105 biopsies took place as outpatient procedures.
- Doctors examined 437 new patients during the year and saw 5,240 revisit patients. There were 743 interdepartmental referrals.
- Six-hundred and eighty patients were admitted, including transfers. Thirty-eight of the department’s patients died, with 35 of those individuals undergoing autopsy. At that time patients signed consent for autopsy at the
time of admission. There were four early postoperative deaths during the year.

**Research Activities:**

In the 1973–73 academic year, members of the staff had a total of ten publications accepted for publication in periodicals, in addition to 8 chapters in books. The publication of periodical articles included:

- Two articles on chemotherapy of squamous cell carcinoma.
- One on oral care of the irradiated patient.
- One on cryotherapy of oral cancer.
- One experimental study on parathyroid reimplantation.
- One on cancer of the maxilla.
- One on surgical measures in post laryngectomy speech rehabilitation.
- One on suspension laryngo-microscopy in cancer diagnosis.
- One on the median transit tongue flap for floor of mouth reconstruction.
- One on the use of prefabrication of flaps for pharyngoesophageal reconstruction.

The publication of chapters in books included:

- Two on the general problem of head and neck cancer.
- One on head and neck surgery in aged and poor-risk individuals.
- One on pharyngoesophageal reconstruction.
- One on the role of surgery in palliation of advanced disease.
- One on refinements in the technique of radical neck dissection.
- One on progress in post laryngectomy speech rehabilitation.
- One on the nurse’s role in rehabilitation of the head and neck cancer patient.

**Educational Program:**

Five fellows or residents received training in the department at any one time. Two residents from the general surgery program at RPCI rotated through the A section for two month periods.

On the B section, there was one resident rotator from the University of Rochester, New York, plastic surgery program and one plastic surgery rotator
from the Stanford University program in California. The third position on the B section was filled by an individual chosen from the world at large, a person seeking special training in head and neck oncology. Each of the trainees on the B section spent six months with us.

Education was also provided to medical and dental students from the State University of New York at Buffalo.

Table 3
List of individuals who served fellowships in the department.

<table>
<thead>
<tr>
<th>January to July</th>
<th>From</th>
<th>Present Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sakura, Chester</td>
<td>Rochester program</td>
<td>In practice in Albuquerque, NM</td>
</tr>
<tr>
<td>Jayasanker, W.R.</td>
<td>Madras, India</td>
<td>In practice in Oak Lawn, IL</td>
</tr>
<tr>
<td>Dinner, Melvyn</td>
<td>Republic of South Africa</td>
<td>Director of Center for Plastic Surgery in Cleveland, OH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>July to December</th>
<th>From</th>
<th>Present Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mogelvang, Christian</td>
<td>Rochester program</td>
<td>In practice in Naples, FL</td>
</tr>
<tr>
<td>Souther, Sherman</td>
<td>Stanford program</td>
<td>In practice in Honolulu, HI</td>
</tr>
<tr>
<td>Chalgassian, Ted</td>
<td>American University of Beirut</td>
<td>Associate Professor of Clinical Surgery, Columbia University</td>
</tr>
</tbody>
</table>

This account of the staff of the department, the activities in patient care, research and teaching gives a general picture of the status of the department in 1973. A major factor making the intense level of activity possible was the participation of highly-qualified residents and fellows.
Section 6: 
Biographical Notes and Activities of RPCI Clinical Staff

Dr. Vahram Y. Bakamjian

Dr. Bakamjian was born in Aleppo, Syria’s second largest city. When he was an infant, the family moved to Lebanon. He attended the American University of Beirut, receiving his BS in 1940 and his MD in 1945. After graduation from medical school, Dr. Bakamjian stayed on at the American University of Beirut and went through a surgical residency plus a two year fellowship.

In 1951 he came to the United States for an ENT residency at Columbia P. and S., followed by plastic surgery training and a head and neck fellowship. Dr. Bakamjian was recruited to RPCI in 1956 to work with F. Stanley Hoffmeister in the care of head and neck cancer patients.

The head and neck literature from 1960 on has many articles by Dr. Bakamjian, and these give testimony to his innovative spirit as a plastic surgeon. He had the unusual quality of being both a skilled ablative surgeon and an imaginative reconstructive surgeon. One of his most important contributions was the deltopectoral flap, which was the workhorse of head and neck reconstruction for a number of years.

Dr. Bakamjian’s achievements earned him the Special Recognition Award of the Society of Head and Neck Surgeons, and he was made an honorary fellow of the Association of Plastic Surgeons (U.S.) and the Japanese Society of Plastic and Reconstructive Surgery. After a long and distinguished career, Dr. Bakamjian retired from RPCI in 1996.
Dr. Peter M. Calamel

Born in England, Dr. Calamel was a graduate in Medicine and Dentistry from King's College, Durham University. He worked as a Surgical Registrar in England, and served in the Royal Air Force as a flight lieutenant. After immigration to the United States in 1958, he served an internship at Queens General Hospital in New York City, followed by general surgery residency training at Nassau Hospital, Long Island, New York and at Colorado General Hospital, University of Colorado Medical Center, in Denver. His plastic surgery residency was at Downstate Medical Center, Kings County Hospital, New York. He is a Fellow of the Royal College of Surgeons.

Dr. Calamel came to RPCI as a head and neck fellow in 1968, and subsequently became a member of the attending staff, serving with distinction until he left to enter private practice in Buffalo in 1989. He has been active in the use of endoscopic techniques in plastic surgery.
Dr. Mark DeLacure

Dr. DeLacure attended medical school at the University of Florida and then served an internship in 1986 and a general surgery residency period at Stanford University. He next did a residency in otolaryngology at Yale-New Haven Hospital, followed by a head and neck fellowship at Memorial Hospital in New York City. He received a residency award from the New England Otolaryngology Society.

Dr. DeLacure finished a residency in plastic surgery at UCLA in 1995. He is Board certified in otolaryngology and plastic surgery, has a number of publications to his name, and particular interest in mandibular reconstruction, microsurgery and rehabilitation of facial paralysis.

Dr. DeLacure’s present position is Chief of the Division of Head and Neck Surgery and Oncology of the Department of Otolaryngology of New York University School of Medicine, where he is also Associate Professor of Reconstructive Plastic Surgery in the Department of Surgery.
Dr. Wesley L. Hicks, Jr.

Dr. Wesley L. Hicks, Jr., joined the staff in 1991 as Attending Surgeon. He earned his dental degree at Meharry Medical College and his medical degree at the University at Buffalo School of Medicine and Biomedical Sciences.

He was a resident in Otolaryngology, Head & Neck Surgery at the Manhattan Eye, Ear and Throat Hospital, New York Hospital—Cornell Medical Center, and Memorial Sloan-Kettering Cancer Center in New York City, and completed a research fellowship studying the in vitro Growth of Respiratory Epithelium at Memorial Sloan-Kettering Cancer Center. He then completed fellowship training in Head & Neck Surgery at Stanford University.

Dr. Hicks is licensed by New York State and is certified by the National Board of Dental Examiners, the National Board of Medical Examiners and the American Board of Otolaryngology. He also serves as director of the Head and Neck Surgical Oncology Fellowship Program at RPCI; Professor of Otolaryngology/Head and Neck Surgery and Associate Professor of Neurosurgery at the University at Buffalo School of Medicine and Biomedical Sciences.

Dr. Hicks's research interests focus on respiratory epithelial injury-repair and differentiation. His laboratory is doing novel work in bioengineered large conducting airway devices.

Dr. Hicks is a member of a number of professional organizations, including the National Medical Association, the National Dental Association, the Triologic Society, the American Medical Association, the American Dental Association, the American Society of Cell Biology, the American Academy of Otolaryngology/Head & Neck Surgery, the American College of Surgeons, the American Head & Neck Society, and the Society of Black Academic Surgeons. Currently he is a member of the board of directors of
WBFO, the national public radio station in Buffalo.

Dr. Hicks has authored or coauthored more than 125 journal publications, book chapters and abstracts and has been issued two patents on tracheal replacement devices. He is a guest examiner for the American Board of Otolaryngology and is on the International Editorial Board of the Journal of the American Academy of Otolaryngology/Head & Neck Surgery.
Dr. F. S. Hoffmeister

Ferdinand Stanley Hoffmeister was born in what is now the Czech Republic and had his medical school education at Charles University in Prague, where he served a surgical residency. In addition, he studied surgery in England before coming to the United States. He earned a dental degree from Tufts University in Boston, Massachusetts. Dr. Hoffmeister served in a general surgery residency and a plastic surgery residency in New Jersey, following which he completed training in plastic surgery at Johns Hopkins Hospital. He came to Roswell Park Cancer Institute in 1954, where he was chief of the B Section of the Department of Head and Neck Surgery. He ran a very active surgical research unit at the cancer institute. He headed the B section for thirteen years and then moved to a private practice group in Albany, New York. He was listed in “Who’s Who in America”. Dr. Hoffmeister died in 2004.
Dr. John M. Loré, Jr.

After completing residency training in both general surgery and otolaryngology, Dr. Loré received board certification in both specialties. He held a faculty position as assistant clinical professor of surgery at New York Medical College. He was also a visiting surgeon at Metropolitan Hospital in New York City.

In 1966 he became head of the Division of Otolaryngology of the State University of New York at Buffalo School of Medicine and Biomedical Sciences. The division of Otolaryngology, along with other surgical specialties, became full departments. He was chief of the Department of Otolaryngology and Head and Neck Surgery at Sisters of Charity Hospital in Buffalo from 1975 to 1991. In 1991 he became emeritus, and in 2002 he became a member of the Department of Head and Neck/Plastic and Reconstructive Surgery of Roswell Park Cancer Institute.

Dr. Loré has received many honors, including the presidency of the Society of Head and Neck Surgeons and the presidency of the American Society for Head and Neck Surgery. He made a major contribution to education by his leadership of the Joint Council on Training in Head and Neck Oncologic Surgery of the two head and neck societies.

Following an interest in chemotherapy that began in the 1950s, he became a pioneer in the studies of preoperative chemotherapy in the care of head and neck cancer patients. He stressed the important fact that the eventual surgical excision must not be decreased by the apparent response of the tumor to chemotherapy.

His popular book, An Atlas of Head and Neck Surgery, is in its fourth English edition. In addition to the three previous English editions, the book has been translated into Spanish.
Dr. Thom R. Loree

Dr. Loree completed his undergraduate work at Vassar College and finished his medical studies at George Washington University School of Medicine. He then completed a general surgery residency at St. Luke's/Roosevelt Hospital Center in New York City, following which he completed a residency in plastic surgery at the same institution and gained experience in the field of microsurgical reconstruction. Dr. Loree then served a head and neck fellowship at Memorial Sloan-Kettering Cancer Center.

Prior to joining the staff of the Department of Head and Neck Surgery at Roswell Park Cancer Institute in 1993, Dr. Loree was on the staff of the St. Luke's/Roosevelt Hospital Center in New York City. He brought with him a high level of expertise in free flap transfer as a reconstructive method in head and neck oncology. Dr. Loree was appointed chief of the department in 1999.

He is an active member of the American Head and Neck Society. His publications reflect his research interest in the clinical aspects of head and neck tumors, with particular reference to the biological behavior of thyroid cancer.
Dr. Frank Marchetta

Dr. Marchetta was born in Utica, New York, and attended Cornell University. He received his medical degree from the University at Buffalo School of Medicine and Biomedical Sciences. He served in the occupation forces after World War II, being in charge of a hospital unit in Japan. Dr. Marchetta became chief of the Head and Neck Service at Roswell Park Cancer Institute in 1954.

Dr. Marchetta and his colleagues studied and reported on their clinical experience in the management of head and neck cancer patients. These reports were often presented at the annual meetings of the Society of Head and Neck Surgeons, of which Dr. Marchetta served as president in 1986. He made an important contribution to care of thyroid cancer patients in the paper he authored with K. Sako and H. Matsuura on modified neck dissection for thyroid cancer that appeared in the American Journal of Surgery, Volume 120, pages: 452–54 (1970).

Dr. Marchetta was a clinical professor in both the medical and dental schools of the State University of New York at Buffalo. Dr. Marchetta died on Sanibel Island, Florida, in 2002 at the age of 81.
Dr. Saurin Popat

Dr. Popat was born in Uganda and moved to Canada in 1973, where he attended grade school and then received his medical education at the University of Western Ontario, graduating in 1992. His initial surgery education was in California, after which he was trained in Otolaryngology in Toronto. He completed a two year Head and Neck and Microvascular Reconstruction Fellowship at the University of Toronto from 1997–1999. After an additional Skull Base Fellowship in Bern, Switzerland, Dr. Popat joined the faculty of the University of Rochester in 2000. There he was program director of the Otolaryngology residency from 2001–2004 and director of Head and Neck Surgical Oncology from 2000–2006. He served on the education committee of the American Head and Neck Society prior to joining the staff at RPCI in 2006.
Dr. Mohamed Razack

Dr. Razack completed a residency in general surgery at St. Mary's Hospital, an affiliate of Strong Memorial Hospital in Rochester, New York. He then served in a surgical oncology fellowship at Roswell Park Cancer Institute, which he completed in 1973. Doctor Razack was a full-time attending staff member in the Department of Head and Neck Surgery at the Institute from 1974 to 1989, after which he entered private practice in Buffalo.

He is a member of the American Head and Neck Society, the Society of Surgical Oncology, the American Society of Clinical Oncology, and the American College of Surgeons.

He has more than seventy-five publications to his name, many of which are in head and neck oncology. After practicing in Buffalo for a number of years, Dr. Razack recently retired to Florida.
Dr. Nestor Rigual

Dr. Rigual’s undergraduate education was at the University of Oklahoma, and he finished medical school at the same university in 1980. After a residency period in general surgery at the University of Oklahoma, he completed a residency in otolaryngology at the State University of New York at Buffalo.

He served as department chief at the Veteran’s Hospital in Buffalo in 1986–87, and then in the Kauai Medical Group in Hawaii. Dr. Rigual returned for a fellowship in head and neck surgery at the University of Oklahoma in 1990 and then was in private practice in Oklahoma City from 1991 to 1999. He joined the staff of the Department of Head and Neck Surgery/Section of Plastic and Reconstructive Surgery, at Roswell Park Cancer Institute in Buffalo in the year 2000.

He has published a number of papers and book chapters on neoplastic disease of the head and neck. He has a particular interest in the newer European approaches to partial resection of the larynx for advanced laryngeal cancer. His research interests include sentinel lymph node biopsy for oral carcinoma, genomic instability in thyroid cancer, and head and neck melanoma.
Dr. Kumao Sako

Dr. Sako was born in California in 1924. As Japanese Americans he and his family were interned during World War II. Upon release, he went for undergraduate education at Central YMCA College in Chicago and at Roosevelt College in the same city. His medical education was at the University of Illinois. His internship was at Cook County Hospital followed by residency training in surgery at Augustana Hospital in Chicago. He completed his surgical residency at Roswell Park Memorial Institute in 1957.

Upon completion of the residency, Dr. Sako became a member of the staff of the Institute. He remained on the staff until his retirement in 1993. Dr. Sako held a faculty position in the Department of Surgery of the State University of New York at Buffalo, and was a consultant to the Buffalo General Hospital. He was also a member of the faculty of the Dental School. Dr. Sako held a University of Buffalo/Roswell Park graduate faculty title of Research Associate Professor of Experimental Pathology. He was the major professor supervising four Master of Science graduates. Dr. Sako served as chairman of the Credentials Committee of the Institute for over a decade. He was one of the founders of the Roswell Park Surgical Society.

He was held in very high respect by surgical trainees at RPCI over the years in his position as chief of the A section of the department. Some of the trainees from other countries invited him to their homelands to give lectures.

Dr. Sako published a large number of papers on the subject of head and neck cancer and its treatment. In addition he was the author of chapters in books on the same subject over the period from 1957 to 1986. With Dr. William Carl he published a book on oral cancer. He was clearly a significant contributor to knowledge of head and neck oncology. Dr. Sako died in 1999.
Dr. Donald Shedd

Dr. Shedd was born in Connecticut and spent his early years there. When he was twelve years of age his family moved to New Hampshire. His undergraduate education was at Yale University, following which he attended the School of Medicine of the same university, graduating in 1946.

After an internship at Yale and two years of military service, he returned to Yale for a research fellowship and completion of a residency in surgery. He was appointed to the faculty of the Department of Surgery at Yale, where he served until 1967.

In that year he was appointed chief of the Department of Head and Neck Surgery at Roswell Park Cancer Institute, serving in that position until retirement in 1996. In retirement he has pursued his interest in the history of medicine, and published a book on the historical background of head and neck cancer surgery.

Dr. Shedd published approximately 150 articles in peer-reviewed journals and four books. His research interests included cineradiographic studies of alterations in the physiology of deglutition after resection, in vivo staining properties of oral and pharyngeal cancer, and surgical approaches to post-laryngectomy speech rehabilitation. He instituted and supervised a microvascular surgery teaching laboratory.

His honors include being listed as one of the best doctors in head and neck surgery in the Northeast by the White-Woodward survey in 1996. He was president of the Society of Head and Neck Surgeons in 1977 and a member of the group that founded Hospice Buffalo in the mid-1970s.
Dr. Paul Tomljanovich

Dr. Tomljanovich completed his undergraduate education at the City College of New York. He graduated from medical school in Bologna, Italy. He had training in general surgery at Saint Barnabas Medical Center in New Jersey, with further surgical training, including a plastic surgery residency, at St. Luke's/Roosevelt Hospital Center in New York City.

Dr. Tomljanovich studied deformities in children at the Institute for the Mother and Child in Belgrade, Yugoslavia and served in a fellowship at St. Joseph Mercy Hospital in Ann Arbor, Michigan. He was attending plastic surgeon on the staff of St. Luke's/Roosevelt Hospital Center and was assistant director of that department. He is the co-author of chapters on various aspects of plastic surgery in two major textbooks. In addition to his medical skills, Dr. Tomljanovich has impressive artistic talent and has done the illustrations for several scientific papers.
### Table 4
Extradepartmental activities of some of the members of the department

<table>
<thead>
<tr>
<th>Member</th>
<th>Activity</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>J.M. Loré</td>
<td>President, Society of Head and Neck Surgeons</td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>President, American Society for Head and Neck Surgery</td>
<td>1986</td>
</tr>
<tr>
<td>T.R. Loree</td>
<td>President of the Clinical Staff, RPCI</td>
<td>2002</td>
</tr>
<tr>
<td>F.C. Marchetta</td>
<td>President, Society of Head and Neck Surgeons</td>
<td>1986</td>
</tr>
<tr>
<td>K. Sako</td>
<td>Chairman, Credential Committee</td>
<td>1980-92</td>
</tr>
<tr>
<td></td>
<td>Supervisor, operating room schedule</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Founding member, Roswell Park Surgical Society</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consultant, Buffalo General Hospital</td>
<td>1979-93</td>
</tr>
<tr>
<td>D.P. Shedd</td>
<td>Chairman, Institutional Review Board, RPCI</td>
<td>1974–81</td>
</tr>
<tr>
<td></td>
<td>Survey of oral cancer projects in India, Pakistan &amp; Sri Lanka for National Cancer Institute</td>
<td>1968</td>
</tr>
<tr>
<td></td>
<td>Member, Founding Board of Hospice Buffalo</td>
<td>1974</td>
</tr>
<tr>
<td></td>
<td>President, Society of Head and Neck Surgeons</td>
<td>1977</td>
</tr>
<tr>
<td></td>
<td>President of the Clinical Staff, RPCI</td>
<td>1980</td>
</tr>
<tr>
<td></td>
<td>Hayes Martin Lectureship, Society of Head and Neck Surgeons</td>
<td>1986</td>
</tr>
</tbody>
</table>
### Table 5

**Countries where department members were involved in educational events**

<table>
<thead>
<tr>
<th>Region</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Hemisphere</td>
<td>Argentina, Brazil, Canada, Mexico, Peru</td>
</tr>
<tr>
<td>Europe</td>
<td>England, Spain</td>
</tr>
<tr>
<td>Asia</td>
<td>India, Japan, Pakistan, Sri Lanka</td>
</tr>
<tr>
<td>Africa</td>
<td>Republic of South Africa</td>
</tr>
<tr>
<td>Oceania</td>
<td>Australia, New Zealand</td>
</tr>
</tbody>
</table>

### Table 6

**Chiefs of the department and sections**

<table>
<thead>
<tr>
<th>Chief Name</th>
<th>Position</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walter L. Mattick, M.D.</td>
<td>Chief of Head and Neck Service</td>
<td>1928–1954</td>
</tr>
<tr>
<td>Frank C. Marchetta, M.D.</td>
<td>Chief of A Section</td>
<td>1951–1976</td>
</tr>
<tr>
<td>F. Stanley Hoffmeister, M.D.</td>
<td>Chief B. Section and Reconstructive Section</td>
<td>1954–1967</td>
</tr>
<tr>
<td>Donald P. Shedd, M.D.</td>
<td>Chief of the Department</td>
<td>1967–1996</td>
</tr>
<tr>
<td>Kumao Sako, M.D.</td>
<td>Chief of A Section</td>
<td>1976–1993</td>
</tr>
<tr>
<td>Vahram Bakamjian, M.D.</td>
<td>Chief of B Section</td>
<td>1967–1996</td>
</tr>
<tr>
<td>Mark D. DeLacure, M.D.</td>
<td>Chief of the Department</td>
<td>1996–1997</td>
</tr>
<tr>
<td>Thom R. Loree, M.D.</td>
<td>Chief of the Department</td>
<td>1999–present</td>
</tr>
<tr>
<td>Name</td>
<td>Years</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>Donald Meehan, M.D.</td>
<td>1949–1951</td>
<td></td>
</tr>
<tr>
<td>Walter T. Maxwell, M.D.</td>
<td>1953–1960</td>
<td></td>
</tr>
<tr>
<td>Henry C. Riegler, M.D.</td>
<td>1954–1958</td>
<td></td>
</tr>
<tr>
<td>Robert Schobinger, M.D.</td>
<td>1955–</td>
<td></td>
</tr>
<tr>
<td>Leonell Strong, Jr., M.D.</td>
<td>1955–</td>
<td></td>
</tr>
<tr>
<td>Roy T. Johnson, M.D.</td>
<td>1957–</td>
<td></td>
</tr>
<tr>
<td>Kumao Sako, M.D.</td>
<td>1958–1993</td>
<td></td>
</tr>
<tr>
<td>Fuad Muhktar, M.D.</td>
<td>1958–1967</td>
<td></td>
</tr>
<tr>
<td>Jorge Badillo, M.D.</td>
<td>1959–1961</td>
<td></td>
</tr>
<tr>
<td>Luis Krause, M.D.</td>
<td>1961–1962</td>
<td></td>
</tr>
<tr>
<td>Ronald G. Vincent, M.D.</td>
<td>1962–1964</td>
<td></td>
</tr>
<tr>
<td>E. Douglas Holyoke, M.D.</td>
<td>1963–1967</td>
<td></td>
</tr>
<tr>
<td>Peter Calamel, M.D.</td>
<td>1967–1989</td>
<td></td>
</tr>
<tr>
<td>Paul Friedmann, M.D.</td>
<td>1967–</td>
<td></td>
</tr>
<tr>
<td>Hari Karna, M.D.</td>
<td>1968–</td>
<td></td>
</tr>
<tr>
<td>Shun C. Young, M.D.</td>
<td>1968–1969</td>
<td></td>
</tr>
<tr>
<td>Norberto Silva, M.D.</td>
<td>1969–1972</td>
<td></td>
</tr>
<tr>
<td>Jin Soo Park, M.D.</td>
<td>1972–1973</td>
<td></td>
</tr>
<tr>
<td>Mohamed S. Razack, M.D.</td>
<td>1974–1989</td>
<td></td>
</tr>
<tr>
<td>Inars Kalnin, M.D.</td>
<td>1976–1978</td>
<td></td>
</tr>
<tr>
<td>Robert Finley, M.D.</td>
<td>1992–</td>
<td></td>
</tr>
<tr>
<td>Rafael Garcia, M.D.</td>
<td>1993–</td>
<td></td>
</tr>
<tr>
<td>Wesley L Hicks, Jr., M.D., D.D.S.</td>
<td>1991–present</td>
<td></td>
</tr>
<tr>
<td>Nestor R. Rigual, M.D.</td>
<td>2000–present</td>
<td></td>
</tr>
<tr>
<td>Paul I. Tomljanovich, M.D.</td>
<td>2000–present</td>
<td></td>
</tr>
<tr>
<td>Saurin R. Popat, M.D.</td>
<td>2006–present</td>
<td></td>
</tr>
</tbody>
</table>

Sources: Department records; Cancer of the Head and Neck: A Collection of Selected Papers Published by Members of the Department of Head and Neck Surgery and Oncology, compiled by Dr. Kumao Sako, (1981); and from other sources.
Section 7:
Other Important Contributors

Nurses

Ann Marie Bauer, M.S.N., A.N.P., graduated from the University at Buffalo Nurse Practitioner Program and is Family Board Certified. She started with the Dept. in 1998 and is currently finishing a RNFA program.

Mary Anne Heiser, RN, served as a nurse in the department from 1984 to 1997. She had a special interest in the rehabilitation problems of head and neck patients, with particular attention to swallowing disorders. She participated in the cineradiographic analyses of deglutition.

Juliette Marczak, M.S.N., A.N.P., graduated from the University at Buffalo Nurse Practitioner Program and is Family Board Certified. She started with the department in 2004.

Maureen Mure, M.S.N., A.N.P., R.N.F.A., is a graduate of the University at Buffalo Nurse Practitioner Program and is Family Board Certified. She started with the department in 2002.
Marian Olson, RN, worked in the department as a rehabilitation nurse circa 1975. She made a valuable contribution by producing instructional brochures for patients on such topics as tracheostomy care. Marian died in 2001.

Alice Spies, RN, started in the department as a laboratory technician in 1979, and then earned a nursing degree, followed by special training in OR nursing. She played a major role in the development of the microsurgery laboratory and in the program for free tissue transfer at the Institute. Alice was elected president of a rational organization, the Society of Microsurgical Specialists, in 1988. She continued to work part time in the department as of 2005.

Janet Trowbridge, RN, was in charge from 1968 to 1990 of seven east, the unit where the Head and Neck B patients received care. She had her nursing education in England.

Physicians and Dentists

Dr. William Carl rendered major help in prosthodontia and dental oncology over many years. He was co-author of a book on oral cancer with Dr. Sako.
**Dr. David Casey** assisted the Head and Neck Department staff with maxillofacial prosthesis and dental support.

**Dr. John Gaeta** of the Department of Pathology worked closely with the Department of Head and Neck Surgery for a number of years, providing the important element of close coordination between surgeon and pathologist that is so essential for good patient care. His participation in our teaching conferences was of great value.

**Dr. Kevin Gibbons** provides critical neurosurgical support that has been a major factor in the development of cranial base surgery at RPCI.

**Dr. Uma Rao** of the Department of Pathology provided close support with her high level of interest in the clinical, teaching, and research activities of our department. She moved on to an academic position in Pittsburgh.

**Dr. Norman Schaad** was in charge of the Department of Dentistry and Maxillofacial Prosthodontia from 1968 to 2000. The facilities of that department were a major factor in the rehabilitation of head and neck cancer patients.
Dr. Maureen Sullivan, chief of the Department of Dentistry and Maxillofacial Prosthetics, works closely with the Head and Neck Department to provide support in this critical area.

Speech Pathologists

Salvatore Cardinale from 1965 to 1995 was one of the speech pathologists who worked hard to assist laryngectomy patients regain the ability to speak.

James Smaldino, M.S., provides speech pathology help, assistance in analysis and management of deglutition problems, and became an expert in laryngeal photography.
Section 8: Concluding Comments

The three decades covered by this report was an era of significant change in the diagnosis and treatment of cancer of the head and neck. Some of these changes are listed in the introduction to this report.

The department was able to be a participant in some of these advances by virtue of:

- Being in a suitable physical facility
- Being in an organizational environment that recognized the importance of providing good care in this complex interdisciplinary field
- Having an adequate number of capable staff members
- Having a sizable clinical load
- Having good support services, including:
  - Dentistry
  - Diagnostic radiology
  - Maxillofacial prosthodontia
  - Medical oncology
  - Neurosurgery
  - Pathology
  - Physiotherapy
  - Radiotherapy
  - Social services
  - Speech pathology

A much needed advance in head and neck cancer lies in the preventive realm, in the area of public education about the harmful role of tobacco usage as a causative factor in upper aerodigestive tract neoplasia.
Appendix A:

*Department secretaries and laboratory technicians*

The important role played by the following department secretaries over the years is fully acknowledged:

Diane Biggie
Nancy Chudy
Ann Marie Dulinawka
Sharon Eagles
Judy Felski
Janice Fundalinski
Kathleen Jason
Louise Monde
Diane Morgan
Deanne Westaver

Important help to the department was provided by the following laboratory technicians:

Leon Hall
Frank Vacek
Rosemarie Fernbach.
Photos

The photographic section consists of a series of photographs of past department members and various visitors to the department. Also included is a copy of the program of a meeting on surgical speech rehabilitation held at RPCI in 1978.

**Photo Section Fig. 1** Members of the Department of Head and Neck Surgery of RPCI with visitor, Dr. Elliott Strong, chief of the Department of Head and Neck Surgery, Memorial Hospital, New York, NY. Standing, left to right: Drs. Marchetta, Gaeta, Sako, Razack, Calamel. Seated, left to right: Drs. Strong, Shedd, Bakamjian. January, 1974

**Photo Section Fig. 2** Participants in a meeting at RPCI in 1976, left to right: Drs. Donald Shedd, Frank Tooze, Erie, PA, Alan Lane, Toronto, Frank Marchetta, Richard Johnson, chief of Radiation Therapy at RPCI, John Loré
Photo Section Fig. 3  Speakers at a 1978 seminar at RPCI, left to right: Drs. Donald Shedd, Jerilynn Logeman, speech pathologist and authority on deglutition, Byron Bailey, chief of Otolaryngology at the University of Texas, Galveston

Photo Section Fig. 4  Visitor to the department in 1974, Dr. Jatin Shah, who later became chief of Head and Neck Surgery at Memorial Hospital, New York City, with Dr. Shedd.
**Photo Section Fig. 5** Visitor to the department in 1975, Dr. Richard Jesse (center) shown with Drs. Shedd and Marchetta. Dr. Jesse was chief of Head and Neck Surgery at M.D. Anderson Hospital in Houston. He died at a relatively young age of surgically acquired hepatitis.

**Photo Section Fig. 6** Visitors to the department in 1971, Program Committee of the Society of Head and Neck Surgeons, left to right, Drs. Robert Harwick, Philadelphia, Donald Shedd, Dwight Hanna, Pittsburgh, and Henry Van den Bergh, Chicago.
Photo Section Fig. 7  Visitor to the department in 1978, Dr. Ulrich Schmid, chief of Surgery at Kalafong Hospital, Praetoria, South Africa, with Drs. Bakamjian and Shedd.

Photo Section Fig. 8  Participants in a meeting at RPCI in 1976, left to right: Drs. Donald Shedd, John Batsakis, eminent pathologist from Houston, TX, David Brient, Toronto, Elliott Strong, chief of Head and Neck Surgery at Memorial Hospital, New York City, John Lorré, Kuma Sako.
SECOND INTERNATIONAL WORKSHOP
OF THE
SURGICAL AND PROSTHETIC SPEECH
REHABILITATION STUDY GROUP

Research Studies Center
Roswell Park Memorial Institute
Buffalo, New York
May 25, 26 and 27, 1978

Supported by grants from:
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The International Union Against Cancer (UICC)

Sponsored by:
Department of Head and Neck Surgery and Oncology
Roswell Park Memorial Institute
American Cancer Society, Erie County Unit
Eastern Great Lakes Head and Neck Cancer Control Network
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*Doctor of Medicine
**Speech Pathologist
***Engineer
****Prosthodontist
*****ARO Corporation
******Locke Company

Photo Section Fig. 9  In 1978 an international workshop on the use of surgical and prosthetic measures in post-laryngectomy speech rehabilitation was held at RPCI. This copy of the program shows the participants and their countries of origin. The participants included Drs. Mark Singer and Eric Blom, the developers of the tracheo-esophageal puncture. They made one of their earliest presentations of the method at this meeting. The proceedings of the meeting were published as a book: Surgical and Prosthetic Approaches to Speech Rehabilitation, by D. Shedd and B. Weinberg, G.W. Hall Publishing Co., Boston, 1980.
Selected Bibliography

Listed below are representative publications by members of the department not listed elsewhere in this history. A listing of all the publications is beyond the scope of the present document.

Bakamjian VY. A two-stage method for pharyngoesophageal reconstruction with a primary pectoral skin flap. 1965; Plast Reconstr Surg.; 36:172-84.


Wiseman S, Hicks WL Jr., Rigual NR. Sentinel lymph node biopsy in staging of differentiated thyroid cancer: a critical review. Surgical Oncology, 2002; 11:137-142.