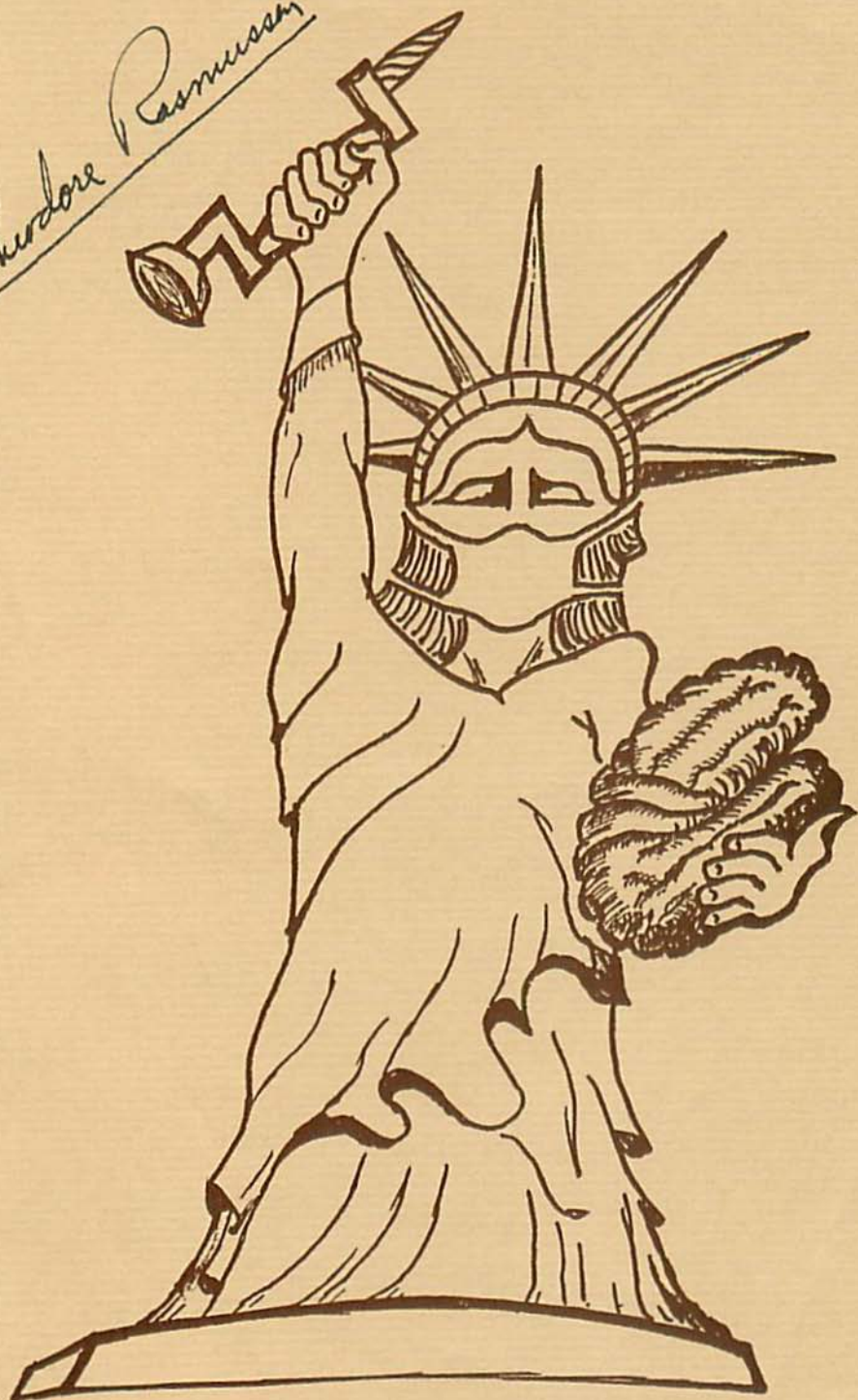


SEPTEMBER 1952

14TH ANNUAL MEETING

*Theodore Pasmunian*



AMERICAN ACADEMY OF NEUROLOGICAL SURGERY  
THE WALDORF ASTORIA, NEW YORK

*Sunday, September 28, 1952*

Open House in Schwartz-Pool Suite at the Waldorf-Astoria where we would like to register early arrivals. 4:00 P.M. to 11:00 P.M.

*Registration and Tickets for Official Functions*

*Members and Guests:* Monday, September 29th

9:30 - 10:00 A.M.  
Neurological Institute  
710 West 168th Street  
New York City

*Ladies Auxiliary and Wives of Guests:*

Monday, September 29th  
9:00 - 11:00 A.M.  
Waldorf-Astoria  
Schwartz-Pool Suite

14th Annual Meeting

AMERICAN ACADEMY  
OF NEUROLOGICAL SURGERY



THE WALDORF-ASTORIA

New York, N. Y.

September 29th through October 1st, 1952

*Headquarters*

THE WALDORF-ASTORIA

(Schwartz-Pool Suite)



## NOTES

Bridges - cordotomy pt. - general anesthesia - 9 pt. - 4 spicules -  
2<sup>nd</sup> & 5<sup>th</sup> digits used - stim. of 2<sup>nd</sup> & 3<sup>rd</sup> dorsal roots always  
caused reduction of pulse pressure & reduction of digital volume -  
3-15 sec. stim. necessary to get marked response - from intact dorsal  
root (millivolts) or proximal end of cut T2 nerve root (1.5 volt) -  
C8 dorsal root stim. caused vasoconstriction in 5<sup>th</sup> digit - cutting C8  
dorsal root causes vasodilatation -

Sloan - 75 pt. - pentothal anesthesia - bipolar - square wave stimulator -  
respiratory arrest from all these areas - 100 cps, 5 msec - threshold  
of urens is same as for motor cortex - ant. temporal 2-3 times as high -  
post. orbital & conjugal gyms, 4 times as high - EEG changes occur in  
ipsilateral frontal convexity - no gastric studies - pupils observed also  
bladder tone studied -

Morant - cortical art. as small as 1 mm measured  $\bar{c}$  26 gauge needle  
& Lilly manometer - 14 recordings in 12 pt. - artery not sacrificed -  
confirm results of Bennett & Woodhall - in 3 pt. the pressure fell in the  
contralateral hemisphere also (4, 14, 23 %)

Ranschoff - case of dorsal defect -

Murray - guanazole to inhibit growth of tumor cells - 15  
pt. - glioblastoma studied by tissue culture - 1/100 molecular was  
lethal to all tumor tissues but only to part of the fetal tissue -

Stokey - arrest of speech produced by focal pressure on frontal lobe  
in a conscious pt. by Oberstan before Broca, Fritsch & Hitzig -  
Dall, Bouilloud, Oberstan should receive much of the credit now  
given to Broca -

*Monday, September 29, 1952*

Neurological Institute  
710 West 168th Street  
New York City

- 9:00 A.M. Buses (Carey Transportation Co.) reserved for members and guests leave punctually from 49th St.—Lexington Avenue entrance of Waldorf-Astoria (near T.W.A. ticket office).
- 9:30 A.M. Arrive at Neurological Institute for registration of members and guests: 1st Floor.
- 10:00 A.M. Address of Welcome —  
President: Henry G. Schwartz, M.D.

### SCIENTIFIC PROGRAM

Papers: 10 minutes

Discussion: 10 minutes

- 10:10 A.M. Digital plethysmographic changes on nerve root stimulation.  
Thomas J. Bridges, M.D.
- 10:30 A.M. Electrocortical responses to electrical stimulation of uncus, anterior temporal, posterior orbital, and anterior cingulate cortices in non-epileptic man.  
Norman Sloan, M.D.  
J. Lawrence Pool, M.D.  
Joseph Ransohoff, M.D.
- 10:50 A.M. Pressure measurements in cerebral arteries upon carotid occlusion in the neck.  
Lester A. Mount, M.D.  
Robert Strobo, M.D.  
John Jacobs, M.D.
- 11:10 A.M. Post-traumatic arachnoid cysts with skull erosion.  
Joseph Ransohoff, M.D.  
John Taveras, M.D.
- 11:30 A.M. Metabolic Studies in vitro of glioblastoma multiforme.  
Margaret Murray, Ph.D.  
Edith Peterson, M.A.
- 11:50 A.M. A note on the history of cerebral localization.  
Byron Stookey, M.D.
- 12:30 P.M. Refreshments — Bard Hall (1 block North).
- 1:00 P.M. Luncheon for Members and Guests. Tickets required.
- 2:00 P.M. Business Session (for Members only). Bard Hall.



# NOTES

*Monday, September 29th (Cont'd)*

2:00 to *Exhibits:*

4:00 P.M.

1. Early Books: Neurological Institute,  
1st Floor Meeting Room.  
Courtesy: (a) Dr. Byron Stookey  
(b) Dr. J. L. Pool
2. Early Neurosurgical Instruments.  
Gift of the late Charles A. Elsberg.
3. Moving Picture (5 minutes): Cerebral circulation in man illustrated by fluorescein.  
Dr. Thomas J. Bridges.

*Visiting:*

*Operating Rooms:*

- A. Neurological Institute — 10th Floor.
- B. Psychiatric Institute — 6th Floor.

*Laboratories:*

- A. Neurosurgical — Vanderbilt Clinic Bldg.  
15th Floor, Room 202.  
Dr. James B. Campbell
- B. Tissue Culture — Vanderbilt Clinic Bldg.  
14th Floor, Room 236.  
Dr. Margaret Murray
- C. Neuroanatomy — College of P. & S.  
4th Floor, Room 435.  
Dr. Fred Mettler
- D. Neuropathology — College of P. & S.  
15th Floor, West Wing  
Dr. Abner Wolf
- E. Electroencephalography —  
Neurological Institute  
13th Floor  
Dr. Paul Hoefler

4:00 P.M. Reserved Carey Busses leave Neurological Institute for the Waldorf-Astoria.

*Evening:* No scheduled activities.

## NOTES

Swanson - 27 cases - 16 totally extirpated - should be totally removed or left strictly alone - used hypotension in only 2 cases -

Odom - 3 yr. survey of cases at Duke - statistical review -

Whitcomb - tantalum powder in leptomeningeal incisions did not increase incidence of complications - placed in glioma bed during past 2 yrs. - applied by atomizer, powder pressed against brain & spatula - wound washed out w/ saline - #15 for 2 g. vial of tantalum dust - passes thru 220 mesh gauze but not thru 350 mesh gauze - has not used it in abscesses -

Boldrey - 5 cases - all had 8<sup>th</sup> nerve paralysis - some also had 5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup> paresis as well -

Rowe - 24 children - 1 to 16 mo. - 2 early meningitis - 9 reoperations, only 2 were effective - 3 mo. to 2 yr. followup - 13 dead - now prefers pentonol tube - 4 good results (23%) -

Hicklin - 3 cases -

Mayfield - follow up study of cases of section of C2 root - 28 consecutive cases - 11 completely cured of head & face pain - 10 anulations of occipital nerve - 20 dissections of occipital nerve nearby to lamina & then avulsion - 58 total cases - 25 of anulations were well until regeneration occurred -



Tuesday, September 30, 1952

THE WALDORF-ASTORIA

Astor Gallery

South End

- 9:00 A.M. Management of large cerebral arterio-venous aneurysms.  
Homer S. Swanson, M.D.
- 9:30 A.M. Neurosurgical aspect of intracerebral bleeding.  
*cranial*  
Guy L. Odom, M.D.  
Barnes Woodhall, M.D.  
James Golden, M.D.  
Byron M. Bloor, M.D.
- 10:00 A.M. A method of identifying recurring brain tumors.  
Benjamin B. Whitcomb, M.D.
- 10:30 A.M. Arachnoidal cysts of the cerebello-pontine angle simulating tumors of the acoustic nerve.  
Edwin Boldrey, M.D.  
Robert Dunbar, M.D.  
Francis Sooy, M.D.
- 11:00 A.M. Ventriculomastoidostomy in the treatment of hydrocephalus.  
Stuart N. Rowe, M.D.  
J. F. Grunnagle, M.D.
- 11:30 A.M. Intraorbital tumors.  
Alfred Uihlein, M.D.
- 12:00 Noon The role of the upper cervical roots in the production of pain in the head and face.  
Frank H. Mayfield, M.D.
- 1:00 P.M. LUNCHEON — Waldorf-Astoria, Astor Gallery, North End. (Tickets required).  
Business Session immediately following lunch (for members only).
- 6:30 P.M. President's Cocktail Party, Waldorf-Astoria, Jade Room.
- 8:00 P.M. Annual Banquet, Waldorf-Astoria, Basildon Room. (Tickets required).  
Meyer Davis Music.

## NOTES

Alexander - 22 yr ♀ - hypotonic bladder, 400 cc capacity - dribbled constantly - cones found down to sacrum - roots stimulated & cystometer set up - S3 root gave elevation of 10-20 mm pressure - S3 roots crushed - completely cured the incontinence - no residual - cystometrogram unchanged.

Meironsky - in paraplegics must cut at least 2 roots bilat - S3 + S4 and sometimes a third pair - pt. then void & residual - usually also got improvement in sexual function -

Evans - lumbar pressure is a true measure of ventricular pressure - injection of water raises CSF pressure within a few minutes - all inhalation anesthetics increase intracranial pressure - vasodilatation & amyl nitrite increased CSF pressure & changing systemic arterial pressure -

Mark -

Namby - 3 children - has done 5 bilat. pedunculotomies -  
12 yr ♀ - ant. capsulotomy = no help - area 6 removal = mod. improvement on opposite side, cutting of pyramidal tract = mod. improvement -  
area 4 on this side removed 1 mo. later & further help - 1 yr. later at pyramidal tract severed & further help - 10 yr. follow up -

9 yr ♂ - at precentral gyms removed = abolition of left movements -  
1 yr. later left precentral gyms removed = abolition of rht. movements -  
spastic quadriplegia + aphasia was felt preferable to the movements -

7 yr ♀ - ant. 1/3 of rht. peduncle + ant. 1/2 of left peduncle removed -  
movements abolished - operation of choice -

Baker - 25 ♂ - spastic rt. arm - birth palsy - C5 thru T1 ant. root section - no help - cut musculocutaneous nerve, tendon of biceps + muscles of brachioradialis - good result after fixation of wrist -



Pudenz - foramina rotundum oval, enlarged to 2-3 times -  
nerve injected @ saline & dural sheath incised longitudinally -  
7 procedures on 6 pts. - 4 complete relief for up to 13 mo. - 1 got relief  
after reoperation - 1 had very minimal intermittent pains -

Wednesday, October 1, 1952

THE WALDORF-ASTORIA

Astor Gallery

South End

of post. root done by Farnow  
maximum followup 2 yrs. -

9:00 A.M. Meningocele in an adult patient with incontinence,  
relieved by section of the third sacral roots.

Eben Alexander, M.D.

9:30 A.M. Studies in intracranial pressure variations.

Joseph P. Evans, M.D.

10:00 A.M. Preliminary studies on the local application of the  
radioactive isotopes to the brain.

Theodore Rasmussen, M.D.

Alfred Kessler, M.D.

Thelma Kennedy, M.D.

10:30 A.M. Problems in the development of stereotactic methods  
in neurosurgery.

Vernon Mark, M.D.

Paul McPherson, M.D.

William H. Sweet, M.D.

11:00 A.M. Dystonia musculorum deformans: effect of pyramidal-  
extrapyramidal section at different levels.

Wallace B. Hamby, M.D.

11:30 A.M. Experiences with foraminal decompression in the  
surgical treatment of tic douloureux.

Robert H. Pudenz, M.D.

C. Hunter Shelden, M.D.

12:00 Noon Unusual neurosurgical procedures for spasticity of  
the upper extremity.

George S. Baker, M.D.

1:00 P.M. FAREWELL LUNCHEON - Waldorf-Astoria, As-  
tor Gallery, North End. (Tickets required).

## LADIES' AUXILIARY PROGRAM

*Monday, September 29, 1952*

9 - 11 A.M. Registration\*: Schwartz-Pool suite. Tickets for the Ladies' Luncheon will be given out.

12:30 P.M. Ladies' Luncheon and Photograph: Perroquet Suite, Waldorf-Astoria. (For Wives of Members and Guests). Tickets required.

*Tuesday, September 30, 1952*

6:30 P.M. Annual Banquet, Waldorf-Astoria, Jade and Basildon Rooms. (Tickets required).

*NOTE:* Monday and Tuesday Letitia Echlin and Angeline Pool will keep open house in Schwartz-Pool suite as an Information Center on shops, restaurants, museums, sight-seeing tours, U. N., etc.

\*Registration of members, wives, and guests is one of the official duties of the Ladies' Auxiliary.



1952-1953

THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY

OFFICERS

*President*, HENRY J. SCHWARTZ

*Vice-President*, J. LAWRENCE POOL

*Secretary and Treasurer*, THEODORE RASMUSSEN

HONORARY MEMBERS

1. Dr. Winchell McK. Craig, Mayo Clinic, Rochester, Minn.
2. Professor Sir Geoffrey Jefferson, Dept. of Neurosurgery, Royal Infirmary, Manchester 15, England.
3. Dr. William Jason Mixer, 319 Longwood Ave., Boston 15, Mass.
4. Dr. R. Glen Spurling, 405 Heyburn Bldg., Louisville, Ky.

EMERITUS MEMBER

Dr. Olan Hyndman, 612 First National Bldg., Davenport, Iowa

ACTIVE MEMBERS

1. Dr. Eben Alexander, Jr., Winston-Salem, North Carolina
2. Dr. George S. Baker, Dept. of Neurosurgery, Mayo Clinic, Rochester, Minn.
3. Dr. H. Thomas Ballantine, Jr., 319 Longwood Ave., Boston 15, Mass.
4. Dr. William F. Beswick, 140 Linwood Ave., Buffalo 9, N. Y.
5. Dr. Edwin Boldrey, Univ. of Calif. Med. School, Room 11-C, San Francisco 22, Cal.
6. Dr. Edmund H. Botterell, Medical Arts Bldg., 280 Bloor St. W., Toronto, Ont., Canada
7. Dr. Spencer Braden, 1344 Hanna Bldg., Cleveland, Ohio
8. Dr. F. Keith Bradford, 410 Hermann Professional Bldg., 6410 Fannin St., Houston 5, Texas.
9. Dr. Howard Brown, 384 Post Street, San Francisco 8, Calif.
10. Dr. Harvey Chenault, 200 West Second St., Lexington 6, Ky.
11. Dr. Harold F. Coburn, 221 Plaza Times Bldg., Kansas City 2, Mo.
12. Dr. Edward W. Davis, 806 S. W. Broadway, Portland, Oregon.
13. Dr. Francis A. Echlin, 555 Park Ave., New York City 12, N. Y.
14. Dr. Dean Echols, 3503 Prytania St., New Orleans, La.
15. Dr. Arthur Elvidge, 3801 University Ave., Montreal, Quebec, Canada.
16. Dr. Theodore C. Erickson, 1300 University Ave., Madison 6, Wisc.
17. Dr. Joseph P. Evans, Cincinnati General Hospital, Cincinnati, Ohio.
18. Dr. John French, Veterans' Administration Hospital, Long Beach, Calif.

19. Dr. James G. Galbraith, 1117 S. 22nd St., Birmingham, Ala.
20. Dr. Everett Grantham, 405 Heyburn Bldg., Louisville 2, Ky.
21. Dr. Wesley A. Gustafson, 700 N. Michigan Blvd., Chicago, Ill.
22. Dr. Wallace B. Hamby, 140 Linwood Ave., Buffalo 9, N. Y.
23. Dr. Hannibal Hamlin, 270 Benefit St., Providence, R. I.
24. Dr. Jess D. Herrmann, 525 N. W. 11th St., Oklahoma City, Okla.
25. Dr. Henry Heyl, Hitchcock Clinic, Hanover, New Hampshire.
26. Dr. William S. Keith, Medical Arts Bldg., 208 W. Block Toronto, Ont., Can.
27. Dr. George Maltby, 203 State Street, Portland, Maine.
28. Dr. Donald D. Matson, 300 Longwood Ave., Boston 15, Mass.
29. Dr. Frank H. Mayfield, 2314 Auburn Ave., Cincinnati 19, Ohio.
30. Dr. Augustus McCravey, Medical Arts Bldg., Chattanooga, Tenn.
31. Dr. John Meredith, 1200 Broad St., Richmond 19, Virginia.
32. Dr. Edmund Morrissey, 330 Medical Bldg., 909 Hyde St., San Francisco 9, Calif.
33. Dr. Francis Murphey, Suite 525, Physicians and Surgeons Bldg., Memphis 3, Tenn.
34. Dr. Guy Odom, Duke University, Durham, North Carolina.
35. Dr. J. Lawrence Pool, 710 West 168th St., New York 32, N. Y.
36. Dr. Robert Pudenz, 696 East Colorado St., Pasadena, Calif.
37. Dr. John Raaf, 912 Medical Dental Bldg., Portland 5, Oregon.
38. Dr. Aidan Raney, 1136 W. Sixth St., Los Angeles 14, Calif.
39. Dr. Rupert B. Raney, 1136 West Sixth St., Los Angeles 14, Calif.
40. Dr. Theodore Rasmussen, Univ. of Chicago, 950 E. 59th St., Chicago 37, Ill.
41. Dr. David L. Reeves, 316 W. Junipero St., Santa Barbara, Calif.
42. Dr. R. C. L. Robertson, 411 Hermann Professional Bldg., 6410 Fannin St., Houston 5, Texas.
43. Dr. Stuart N. Rowe, 3700 Fifth Avenue, Pittsburgh, Pa.
44. Dr. Henry J. Schwartz, Dept. of Surgery, Washington University, St. Louis 10, Missouri.
45. Dr. William B. Scoville, 85 Jefferson St., Hartford 6, Conn.
46. Dr. Hunter Sheldon, 696 E. Colorado Ave., Pasadena, Calif.
47. Dr. Samuel R. Snodgrass, 1217 Marquette St., Galveston, Texas.
48. Dr. Homer Swanson, Emory University Hospital, Emory University, Ga.
49. Dr. William H. Sweet, Massachusetts General Hospital, Boston 14, Mass.
50. Dr. Alfred Uihlein, Mayo Clinic, Rochester, Minn.
51. Dr. A. Earl Walker, Johns Hopkins Hospital, Baltimore 5, Md.
52. Dr. Exum Walker, 864 Juniper St., Atlanta, Ga.
53. Dr. Thomas A. Weaver, 521 Third National Bank Bldg., Dayton 2, Ohio.
54. Dr. Benjamin B. Whitcomb, 85 Jefferson St., Hartford, Conn.
55. Dr. Barnes Woodhall, Dept. of Surgery, Duke University, Durham, N. C.



## OFFICIAL GUESTS

Robert C. Bassett, M.D., Ann Arbor, Mich.

James B. Campbell, M.D., New York City

Henry W. Dodge, Jr., M.D., Rochester, Minn.

Carl Graf, M.D., Buffalo, N. Y.

C. G. de Gutierrez-Mahoney, M.D., New York City

Robert L. McLaurin, M.D., Boston, Mass.

William F. Meacham, M.D., Nashville, Tenn.

Arnold Meirowsky, M.D., Indianapolis, Ind.

Peter Schurr, M.D., Oxford, England

Curwood Hunter, M.D., Cincinnati, Ohio

Bert McBride, M.D., Green Hills, Ohio

Harry Steelman, M.D., Washington, D. C.

Anthony Susen, M.D., Boston, Mass.