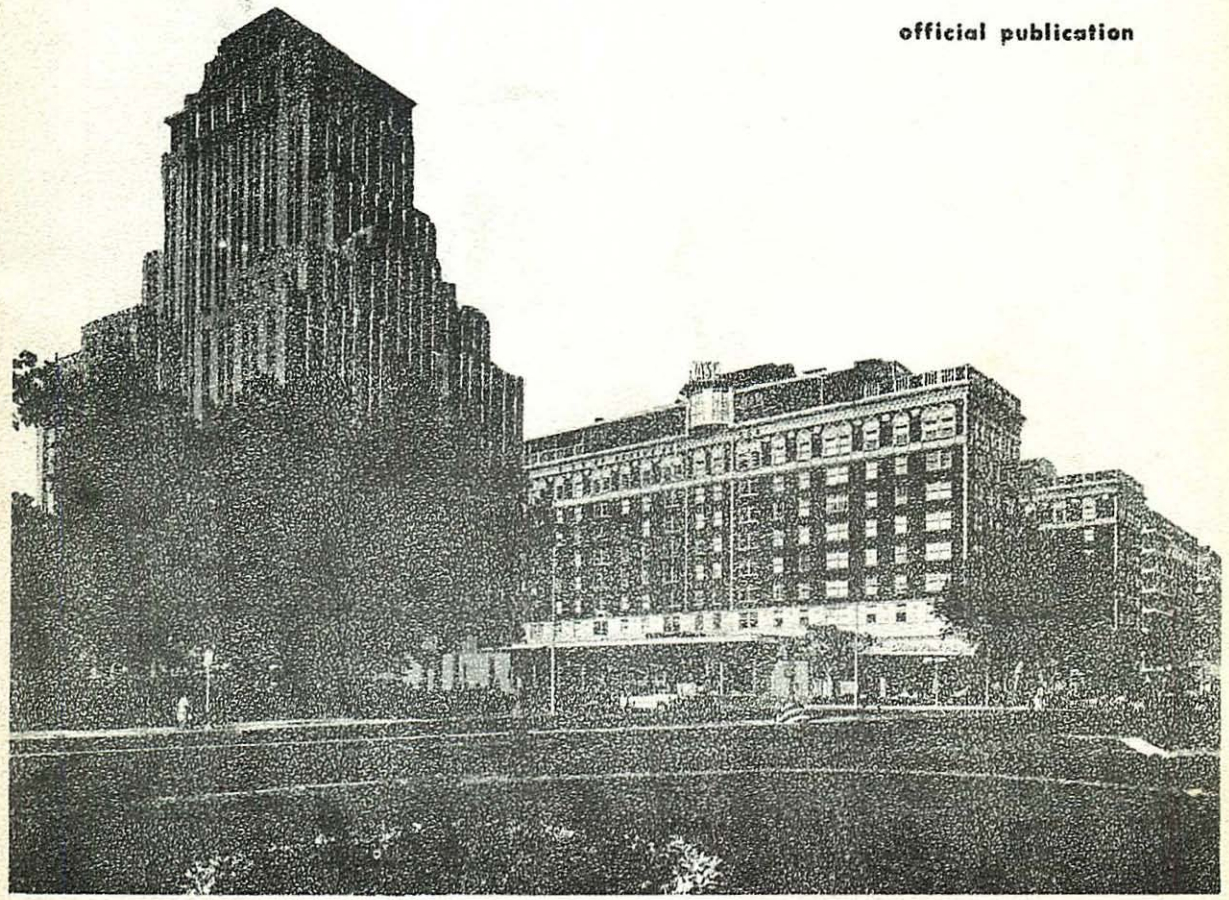


Vol 27 # 1

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MISSOURI MINUTES

official publication



ORGANIZED 1931

The Missouri Society of Radiologic Technologists

MISSOURI MINUTES

OFFICIAL PUBLICATION

Vol. XXVII
No. 1

"To Live and Grow
And Grow Better"

Spring
1967

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Elva A. Falknor, R.T., Editor 1133 Louisville, St. Louis
Sister M. Alacoque Anger, S.S.M., Associate Editor St. Louis University
Mildred Reese, R.T., Associate Editor St. Louis
Lauralee Groves, R.T., Associate Editor Kansas City
Marjorie Tolan, R.T., Associate Editor Columbia
Orvil Sikes, R.T., Associate Editor Bonne Terre
Robert Rein, R.T., Associate Editor Springfield
Donald Myers, R.T., Associate Editor Hannibal

THE MISSOURI SOCIETY
OF
RADIOLOGIC TECHNOLOGISTS

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Donald Myers, R.T. 417 North Section, Hannibal	Vice-President
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Warren Ott, R.T. 337 Park Avenue, Sullivan	Treasurer

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Glenda Bullinger, R.T.
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Elva Falknor, R.T.
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Clair Vincent, R.T.
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* * *

AMERICAN SOCIETY RADIOLOGIC TECHNOLOGISTS

Chase - Park Plaza Hotel
St. Louis, Missouri
June 10 - 15, 1967
Ulysses Murray, General Chairman

* * *

MISSOURI SOCIETY RADIOLOGIC TECHNOLOGISTS

Chase - Park Plaza Hotel
June 13 - 14, 1967

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Joseph S. Summers, Jr., M.C. Jefferson City
Milton Shoss, M.D. Cape Girardeau

REPRESENTING THE MISSOURI SOCIETY OF RADIOLOGIC TECHNOLOGISTS:

Clair Vincent, R.T. Jefferson City
Glenda Bullinger, R.T. Cape Girardeau

PUBLIC RELATIONS:

Lauralee Groves, R.T. Kansas City

PARLIAMENTARIAN:

Mildred Reese, R.T. St. Louis

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James Patterson, R.T. Poplar Bluff

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President's Message

- Clara Smith, R.T.

NOT EVERYONE CAN BE A LEADER. We need members as well as leaders who are willing to work in a harmonious manner toward an end result . . . A Great Missouri Society of Radiologic Technologists.

You ask, "Why should I remain active in my society? I might be called upon to hold an office or serve on a committee. This would mean that I would have to put forth an effort and exert some energy to fulfill my obligations." Yes, it would mean giving up a small portion of your time. And when you are called upon to serve do not consider the thought of incapability for an instance. It took time for you to learn your profession and it also takes time to orientate oneself to the workings of any organization. All leaders are criticized, and many do not agree with what they are trying to do. That is why we live in such a great country. If everyone agreed with the leaders this would not be a democracy. Join your society, voice your opinions, and work toward achieving your ideals to make this a great society.

After you have worked in your organization for a while you will begin to enjoy your duties and want to do more for your own personal satisfaction. Some of our greatest men have had the same thoughts. After accepting their responsibilities they were not sorry they had participated for great success was achieved.

Be active and participate on your district and state levels. See how much you enjoy your profession and your professional organization. Share your ideas with others. You will be the one to reap the harvest.

No organization can grow strong without good leadership, harmonious membership, and an ultimate goal. These three ingredients are essential for a prosperous termination of anything attempted.

Our late President of the United States said: "Ask not what your country can do for you, but what you can do for your country."

This applies to us, "Ask not what your society can do for you, but what you can do for your society."

RADIOPAQUES or CONTRAST MEDIA

Kimberly Marie Dennison, Student
St. Elizabeth Hospital School of X-ray Technology
Hannibal, Missouri

The application of contrast media has in all likelihood had more influence on diagnostic radiology than any other element in the last 50 years. Practically all of the medical profession speculated that the use of x-ray would be narrowed to the study of the skeletal system and the location of foreign bodies. But observation and experimentation has proven otherwise. Radiopaques, or contrast media, increase the absorption of x-rays as they pass through the body. These are used exclusively for the outlines of natural body cavities. The development of radiopaques began after the discovery of x-rays in 1895. An assortment of agents have been researched through the years, but barium sulfate and iodinated organic compounds are the preparations used generally today.

As stated previously, attempts to visualize the sinus organs of the body radiographically were launched immediately after the discovery of x-rays in 1895. Within a period of two months, Dutto demonstrated arteries filled with plaster of Paris. In March of 1896, a radiograph of a dead guinea pig with the stomach and small intestines filled with lead subacetate was published by Becher. Wegele proposed in April, 1896, that a spinal electrode could be inserted into the stomach to ascertain the borderline of the greater curvature of the organ on radiographs, but it was not carried out until a year later by Lindemann. In 1899, air was used by Bade to outline the alimentary tract.

Walter Bradford Cannon began applying the recently discovered x-rays as an implement for his studies on the physiology of the alimentary tract in 1896. He placed various animals

(cats, dogs, roosters, and frogs) and infrequently human beings, in front of an x-ray tube and traced the movements of the digestive tract on fluorescent screens. He used a number of radiopaque agents for his tests . . . beginning with balls and buttons; then pastes of bismuth salts, alone and with food; and lastly, barium sulfate. These explorations became the physiologic foundation for radiography of the alimentary tract.

Although the fundamental studies for retrograde urography were carried out in 1905, approximately 25 years went by before satisfactory media for intravenous urography resulted. Moses Swick performed the experimental and clinical studies that constituted the worth of salts of relatively strong iodinated organic compounds as water soluble agents.

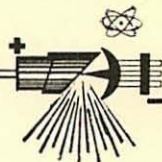
The water-soluble salts of soluble iodinated organic acids founded chiefly for utilization in intravenous urography and angiography. The salts must be discharged freely by the kidneys and must have moderate toxicity, attributes that are possessed by only a few temperately strong organic acids. On account of their advantageous pharmacologic substances, they are practical for radiographic delineation of other organs and systems where speedy assimilating and excreting of the radiopaque is necessary.

The first feasible water-soluble radiopaque was aqueous sodium iodide. A 10% mixture was used for intravenous urography and a 50% mixture for angiography, although both were risky and irritating to the blood. Expansion of special water-soluble contrast media for intravenous

cont'd. page 23

the american society of radiologic technologists

GENEVIEVE J. EILERT, RT., EXBC. SEC. 537 SOUTH MAIN STREET POND DU LAC, WISCONSIN Phone: 921-0393



N

THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS

39TH ANNUAL CONVENTION

June 10 - 15, 1967

ST. LOUIS, MISSOURI

E

St. Louis is inviting all of you as temporary settlers in the "Gateway of the West" during the Thirty-ninth Annual Convention of THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS. Plan early to come and see the new Gateway Arch and the many historic sites. Make the historical accounts you learned about in school long ago come alive. Come and visit our renowned institutions of learning and our beautiful floral and cultural displays as well as enjoy yourselves at our various and unique entertainment spots.

W

The convention center is the Chase - Park Plaza Hotel where they desire your early reservation for topnotch accommodations. Our registration chairman is waiting, too, for your prompt reservation for the convention. The days you spend as a St. Louis settler will be the more enjoyable if you register early.

Help us make THIS convention the BEST OF ALL.

S

Sister Aloysius Marie, S.S.M., R.T.
Chairman, Publicity

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Hysterosalpingography

water-soluble contrast medium

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0.53 Gm Sodium Acetrizoate and 0.23 Gm Polyvinylpyrrolidone per cc



fast, safe, accurate
radiopaque
visualization
without irritation,
residue, or pain

Contraindications: Contraindications to hysterosalpinogography include the presence of severe vaginal or cervical infections, existing or recent pelvic infection, marked cervical erosion or endocervicitis, and pregnancy. The procedure is contraindicated during the immediate pre- or post-menstrual phase.

Sensitivity: If indicated in the patient's history, an intracutaneous skin test or sublingual absorption observation may be done with 0.1 cc **Salpix**.

Warning: Not for intravenous use.

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ORTHO PHARMACEUTICAL CORPORATION • RARITAN, NEW JERSEY

Someone Cares

The following is a letter which has been sent to the radiologists of Missouri for which the members of the Missouri Society of Radiologic Technologists thank the author, Dr. Charles E. Shopfner, a member of the Liaison Committee of M.S.R.T. Reprinted with permission.

E.F.

Dear Doctor:

I am writing this letter to you on behalf of our technologists (our assistants) as their liaison representative. I have said on many occasions, and sincerely believe, that the radiological assistant is the most important person in my practice except for the patient. It would be incredible if you did not feel the same since where would our practices be, quantitatively and qualitatively, if we did not have our highly trained and skillful assistants? Therefore, it behooves us to have a primary interest in them, their quality as individuals, their level of training and proficiency, and their continued education and development.

I can assure you that the technologists want us to have this interest and to support them in their daily work, society, and educational activities. They want encouragement for and not resentment against these activities as being encroachments on their time and responsibilities in our offices and departments. They want us to consider their societies (local, state, and national) as we consider our societies (A.C.R., R.S.N.A., A.R.R.S.); i.e. as professional organizations with a prime purpose of improving their art and skill as a technologist and furthering their education.

*Our technologists are concerned about their profession. Many external forces are at work,

which if allowed to carry their purposes to fruition would destroy radiological technology and its training programs and societies as we know them today. The best way to combat these forces is to build up and strengthen the profession through support of its society, its training programs, and its continuing education activities.

How can we give the support and encouragement which our technologists desire and ask of us, and which we as responsible radiologists agree they need and should have? There are many ways but our strength will be our desire to provide this support and encouragement in each our own way as best suits our individual talents, abilities, and personalities. Specifically, some easy and simple methods are:

1. Encourage and courteously insist that all our technologists have membership in the American Society of Radiological Technologists at local, state and national levels.
2. Encourage, insist, and assist participation of our technologists in all society activities, scientific and social, at the local, state and national levels.
3. Participate in the societies' functions ourselves by attending their meetings periodically and showing our interest and sincerity.
4. Presentation of scientific talks at the monthly and annual meeting of the societies.
5. Emphasize importance of the national registry and insist all our technologists obtain registry certification.
6. Upgrade the student training program in radiological technology through active
 - * 1. Unionization
 2. Licensing
 3. Job Corps - Anti-Poverty Program (with intention to train high school drop-outs as technicians in a matter of days.)

cont'd. page 17

29 YEARS of integrity have helped us
to become America's largest buyers of

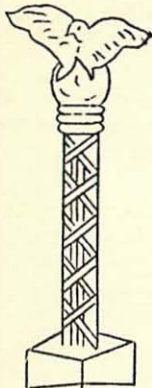
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PARLIAMENTARY LAW...

Points To Remember

The prospect of the forthcoming national convention, in the not too distant future, brings anticipation of lively debate and interesting business sessions. If we are to participate intelligently, without waste of time, we should give some thought to the type of motions and procedure necessary to accomplish the purpose in the shortest possible time. Following are a few pointers which may be helpful.

1. Q. If you wish to introduce NEW business which motion do you propose?
A. The MAIN MOTION. Proper form - "I MOVE that ... "
2. Q. To change, modify or alter the wording of a motion?
A. Move TO AMEND.
3. Q. If you cannot complete the question because of time, information or choice?
A. Move TO POSTPONE.
4. Q. If you need more information?
A. Send to a Committee. Move TO COMMIT.
5. Q. If you think the matter should be killed without a direct vote upon it?
A. Move TO POSTPONE INDEFINITELY.
6. Q. If you feel that the question should be put off until later?
A. Move TO TABLE.
7. Q. If you feel that the question should be acted upon later in the meeting?
A. Move to POSTPONE TO A SET TIME.
8. Q. If you wish to change a motion that was completed at the last session?
A. Move to AMEND SOMETHING PREVIOUSLY ADOPTED. (Requires a 2/3 vote).
9. Q. Wish to stop debate in order that a vote may be taken on the pending question?
A. Move the PREVIOUS QUESTION. (2/3 vote required.)
10. Q. If you wish the vote taken over?
A. Call for DIVISION.
11. Q. If the presiding officer fails to take a Negative vote when the motion appears to have carried unanimously?
A. Raise a Point of Order. (Affirmative and Negative votes must be called for and result announced).

12. Q. If you wish to approve the action of the President or a Committee?

A. Move TO RATIFY.

13. Q. If you wish to discuss a question again that has been closed by a final vote earlier in the meeting.

A. Move TO RECONSIDER.

14. Q. If a motion is no longer needed on the books or there is reason to wish to remove a motion, what procedure do you follow?

A. Move TO RESCIND.

15. Q. What is the difference between a Recommendation and a Resolution?

A. A Recommendation is a suggestion; a motion is needed to adopt. Majority vote.

A Resolution is a formal motion; if presented by a Committee, it is before the assembly as though it had been moved and seconded. The Chair should call for remarks. It requires a majority vote.

16. Q. When a motion is prohibited by the By-Laws and the Chair accepts it by stating the motion from the rostrum, what can be done to prevent its being acted upon?

A. Rise to a point of order. Call attention to the Section or Article in the By-Laws which covers the question and thereby proves that it is out of order.

17. Q. How are ballots collected?

A. In a receptacle. Never collect ballots in the hand.

18. Q. When a committee brings in a recommendation who moves its adoption?

A. The chairman of the committee moves its adoption; another member of the committee may second it.

19. Q. Following the report of a committee, which motion should be used?

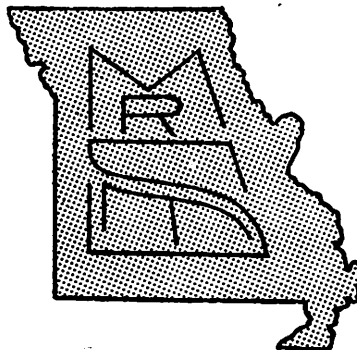
A. Move to ACCEPT the report.

20. Q. Does the maker of a motion have any control over amendments to his motion?

A. No.

Mildred M. Reese, R. T., ASRT
Registered Parliamentarian

District No. Two



COMPLIMENTS YOU !!!

Another
President's
Message-

— Helen Ferwerda, R.T., President
From PRIME FACTORS, South Dakota
(Reprinted with permission)

There is a folk song around these days which tells about a weary desert traveler who stumbles on a pump with a note attached to it. The note, left by an earlier traveler, tells that under a rock he will find a "priming bottle" with just enough water to prime the pump. The traveler is cautioned not to drink the priming water no matter how great his thirst but instead to have faith in the old pump and give of himself to work the pump that he may receive a more plentiful drink.

Our profession, radiologic technology, can be likened to the pump. The priming material is the professional society ... state and national ... and we, the membership, are the desert travelers. It is indeed a temptation to merely take the many benefits the early travelers of our profession have left us through their efforts in our societies, but this is just a sample, as it were, and in order to reap the full benefits of which the pump is capable, we must exert our time and energies to work with our societies in order to make that pump release its pure spring of achievement.

And somewhere in that spring perhaps we can find enough to fill the "priming bottle" so that other travelers may also have the opportunity to put forth their efforts in order to achieve.

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If you have an automatic film processor,
please ask us for information about our
SILVERMAT PROCESSOR service. You will have
NO INVESTMENT in equipment and you will receive
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**same day re-examination
in oral cholecystography
obviously practical, but . . .
diagnostically valuable?**

'Nonopacification' is not a condition you can treat

To determine the cause of nonopacification, most physicians request re-examination. There are two ways this has been done by the oral route in the past:

- by starting all over again at a later date — and sometimes doubling the dose of contrast agent on the second try;
- by administering more contrast agent the evening of the first unsuccessful examination (and, again, sometimes doubling the dose) and repeating the study the following day.

Both these methods share two inherent disadvantages. They take a good deal of time, and they require the patient to take a good deal of oral contrast agent. The amount given assumes clinical importance because it has been reported higher doses may result in considerable patient discomfort because of diarrhea and other significant side effects.¹

Recently it's been demonstrated, however, that the use of Oragrafin Calcium (Squibb Calcium Iodate) permits repeat films with significant cuts in both time and total dosage.

Oragrafin Calcium—absorbed so rapidly you can re-examine the same day

"The advantage of the calcium iodate method is that the examination can be completed in five additional hours with a limited dose of contrast agent."¹

The method is as productive as it is simple. If the initial opacification is unsatisfactory, the patient is given 3 Gm. of calcium iodate. Films are repeated 5 hours later. Here are the results of a recently published study on same day re-examination using Oragrafin Calcium:¹

ANALYSIS OF ORAGRAFIN CALCIUM REINFORCEMENT IN 76 CASES OF UNSATISFACTORY INITIAL OPACIFICATION

Positive information	24
Normal by present criteria	20
Cholelithiasis	4
Abnormal gallbladder (by inference)	52
Correlation of x-ray findings and surgical data was excellent. Because many patients were elderly or had complications contraindicating it, surgery was performed in only 13 cases, with these results: Stone — 6; Liver metastases — 3; Carcinoma of pancreas — 1; Carcinoma of gallbladder — 1; Cirrhosis — 1; Normal — 1	

Had the initial failure of opacification been assumed to be due to gallbladder disease, the 20 patients (26%) found normal by re-examination might have been erroneously diagnosed and might have undergone unnecessary surgery.¹

"Same day re-enforcement oral cholecystography utilizing calcium iodate . . . is a rapid, accurate, low-dose method of obtaining additional information about a gallbladder which is unsatisfactorily opacified following routine cholecystography."¹

There are other advantages to such rapid absorption. Even without prior preparation of the patient, both cholangiography and cholecystography can be performed on the same day. Optimal concentration in the hepatic and biliary ducts usually occurs within 1 to 3 hours. Although the gallbladder is optimally opacified approximately 10 hours after ingestion of Oragrafin, diagnostically valuable information can often be obtained within 5 hours or less.

Dosage and Administration: For oral combined cholangiography and cholecystography: *Same day*—Oragrafin Calcium Granules—2 packets 1 hour before initiating examination. *Overnight*—Oragrafin Calcium Granules—1 packet or Oragrafin Sodium Capsules (Squibb Sodium Iodate)—6 capsules 10 to 12 hours before radiography, plus an additional packet of Granules one hour before examination.

Supply: Oragrafin Calcium Granules—single-dose foil package of 3 Gm. of calcium iodate granules, providing 61.7% iodine content. Oragrafin Sodium Capsules—0.5 Gm. sodium iodate per capsule, providing 61.4% iodine content.

Contraindications: Contraindicated for persons sensitive to oral iodine compounds or for patients with combined renal and hepatic disease or severe kidney impairment. Gastrointestinal disorders (which may result in inadequate biliary secretion of medium) often impair visualization.

Side Effects and Precautions: Both calcium and sodium iodate are usually well tolerated. Mild and transient nausea, vomiting, or diarrhea sometimes occur; but the incidence can be reduced by using the calcium Granules and restricting the dosage to 3 Gm. Hypersensitivity reactions may include urticaria, serum sickness-like reactions (fever, rash, arthralgia), other skin reactions, and rarely anaphylactoid shock. They are more likely to occur in the individual with a hypersensitivity diathesis. Antihistamines and corticosteroids are used to control these side effects, but the occasional serious anaphylactoid reactions require the immediate use of epinephrine or phenylephrine, oxygen, and intravenous corticosteroids. For full information see Package Insert.

References: 1. Crummy, A.B.: Wisconsin M.J.: 65:84, 1966.

ORAGRAFIN®
SQUIBB IPODATE

for routine or rapid cholecystography

SQUIBB



'The Priceless Ingredient' of every product is the honor and integrity of its maker.

Society Page

F St. Joseph's Hospital, Kansas
I City, was the host for the
R DISTRICT monthly meeting of District #1
S held on October 11, 1966.
T Guest speaker was Dr. Elwym
Brown, Chief Anesthesiologist
of Children's Mercy Hospital. Dr. Brown spoke
on "Cardiac and Respiratory Emergencies." The
membership also discussed the possibility of hav-
ing a Refresher course but no definite plans were
made.

District #1 held an appreciation luncheon for all
commercial men in the Kansas City area which
took place in October at Children's Mercy Hos-
pital. Every guest went home with a door prize.
(Other Districts ... take note. Sounds like an
excellent idea to entertain the commercial men
for a change.)

The speaker for the November 8th meeting was
a well known personality to all technicians,
Dr. Louis A. Scarpellino, whose topic was "The
Technician's Role in Pelvimetry Procedures".
Dr. Scarpellino has been in radiology for 33
years and is Chief of Radiology at St. Luke's
Hospital, Kansas City. The meeting was held
at North Kansas City Memorial Hospital. About
60 people attended.

Bosses Night took place December 13, 1966 at
"The Red Door" where a steak dinner and enter-
tainment were enjoyed by all. Mary di Martino
won the trophy for the best exhibit displayed at
the November meeting. Mary displayed films
on Temporomandibular Joints, Optic Foramen
and Mammograms. Approximately 100 people
attended and John Roe was responsible for the
arrangements.

Independence Hospital and Sanitarium was the
scene of the January 10th meeting. Chet

Roberts, an Eastman Kodak technical repre-
sentative for 28 years, spoke on "Darkroom Chem-
istry." Chet was formerly an x-ray Technician
and has spent a total of 41 years in the x-ray
field.

The February 14th meeting is to be held at
Baptist Memorial Hospital and a panel discus-
sion will be conducted by Earle McRae, Presi-
dent of the Kansas Society of Radiologic Tech-
nologists. The topic will be "The Radiologic
Bowl" similar to "The College Bowl" as seen on
television.

S The Second District of the
E Missouri Society of Radio-
C DISTRICT logic Technologists held
O its regular business session
N January 15, 1967 at St.
D Elizabeth Hospital, Hanni-
bal, with Donald Myers,
the President, presiding. Approximately eight
members attended in addition to two guests.

Dr. Phillip Foreman of Hannibal, Missouri
gave an interesting talk on Aneurysm and
Arteriograms.

Next meeting will be held March 19 at Lever-
ing Hospital, Hannibal.

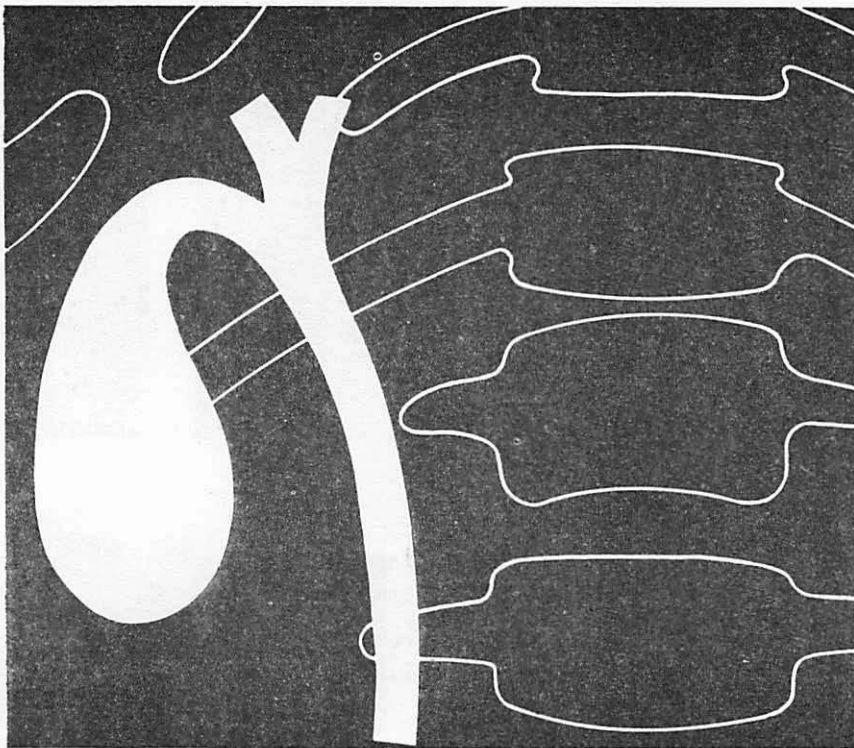
Floyce Wharton, R.T.
Secretary - 2nd District

F A dinner meeting of the
O 4th District was held on
U DISTRICT December 15, 1966 at
R Garavelli's Restaurant.
T There was no program at
H this meeting.

cont'd. page 24

People at work





visualization

beyond the shadow of a doubt **Telepaque**[®]
brand of **iopanoic acid**

well-tolerated medium

for oral cholecystography and cholangiography

gallbladder shadows with distinctly better contrast • greater visualization of ducts •
no disturbance of gallbladder physiology • convenient, economical administration.

Side effects, which are usually mild, include nausea, vomiting, diarrhea, dysuria.

Contraindications are acute nephritis and uremia, and gastrointestinal disorders which prevent absorption of the medium.

Dosage: From 2 to 3 Gm. (4 to 6 tablets) at night after a light supper.

Supplied: Tablets of 500 mg., envelopes of 6 tablets, boxes of 5 and 25 envelopes, also bottles of 500.

Winthrop Laboratories New York, N. Y.

Winthrop

Someone Cares cont'd.

participation and personal contributions.

We, as radiologists, have a wonderful opportunity to help our assistants. The results of our efforts, from the standpoint of society participation and interest, society membership, technologist education level and technologist skill could be striking and gratifying if we each accept our responsibilities in this area of support and encouragement for our technologists.

With kindest regards.

Sincerely,

s/ Chas. E. Shopfner

Chas. E. Shopfner, M.D.
Head, Department of
Radiology
The Children's Mercy
Hospital
Kansas City, Missouri

CES:wp

THE FOURTH DISTRICT OF THE

Missouri Society of
Radiologic
Technologists

SALUTES YOU !

Compliments of

JACK PRANCE

RAY YOUNGMAN

STAN KINNAMAN

THE CHIEF TECHNOLOGIST

The world grows better year by year
Because some technologist in his little sphere,
Puts on his uniform and grins and sings
And keeps on doing the same old things.

Longing for home and all the while
Wearing the same old professional smile.
Taking the blame for all the mistakes
Oh Dear Lord, What patience it takes.

Going off duty at five o'clock
Tired, discouraged and ready to drop,
Then called back at 5:15
With woe in his heart that must not be seen.

Morning, noon, and every night
Just doing it over and hoping it's right
When we lay aside our uniforms and cross the bar
Oh Lord, will you give us just one little star
To wear in our crowns with uniforms new
In that city above, where the chief is You.

Author - Unknown
from Prime Factors,
South Dakota



MASQUERADE!

MASQUERADE!



Start working on that special costume now for
the Gaslight Masquerade on Tuesday night,
June 13th. Prizes will be given for the best
costume.

ALSO, DON'T FORGET your square dance
outfit for the Jamboree on Saturday, June 10th.

PROFESSIONAL ETHICS ...

What you see here,
What you hear here,
When you leave here,
Let it stay here.

COMPLIMENTS OF:

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JE 3-3962

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There is no better way

Through past experience we have noticed a decided improvement in student and registered technologist interest in our professional organizations since we established a membership program in The South Dakota Society of Radiologic Technologists for our students. Each school year the student book fee includes Society membership dues. The dues and names of the students are mailed to the S.D.S.R.T. secretary-treasurer by the teaching technologist.

Since establishing this method of student membership, the majority of our graduates who leave to work elsewhere continue their membership and join the national Society. All those who remained with us as staff technologists continued membership in the State Society and became members of A.S.R.T. following registration. As student members they have learned the function of our professional organizations and the importance of active membership.

Students are required to pay tuition, buy books, and other items pertinent to their educational training. Why not include state Society membership dues? Some may consider this an unnecessary requirement. Since it is the most effective means of teaching students the educational value of our professional organizations and that their primary objective following registration is active membership on both the state and national level, it should be considered a necessary requirement.

In comparison to the number of registered technologists, membership on the state and national levels is low. Why? Primarily, because as students they were not properly oriented. A.S.R.T. provides the educational requirements for the present and future needs of Radiologic Technology to maintain our standards as professionals at a high level. There-

- Ethel J. Sullivan, R.T., Instructor
School of Radiologic Technology
McKenna Hospital
Sioux Falls, S.D.

fore, all registered technologists should show concern in supporting their state and national Societies through active membership.

It is the responsibility of teaching technologists to provide students with adequate information on the importance of our professional organizations. What better way is there than to begin membership on the state level during their training years? Our students look forward to receiving their national journal. They enjoy reading scientific articles and other information published in Radiologic Technology. They are also proud to have the privilege of belonging to our state Society and become more enthusiastic each year to attend annual meetings.

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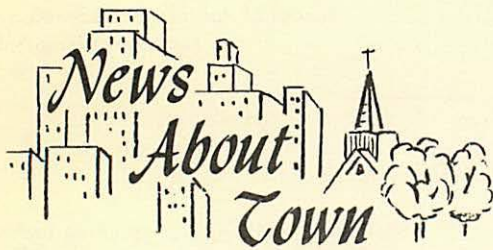
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Doctors Charles Cherre, Armand Brodeur, Don C. Weir, Lawrence Pilla and James Martin were among the radiologists who attended the annual convention of the Radiological Society of North America, held November 27 to December 2 at the Palmer House, Chicago. Dr. Brodeur conducted a refresher course in pediatric radiology and Doctors Weir, Pilla and Martin were also program participants of this convention. Sisters Mary Fides, Aloysius Marie, Jeanette Marie and Marie Patrice also spent some time at the convention in quest of information on new equipment, particularly that recently developed using solid state components. Since St. Mary's Hospital, Glennon Memorial Hospital, St. Louis and St. Joseph Hospital, St. Charles, are all contemplating expansions in their respective departments of radiology, this information will be of great value. Sisters Aloysius Marie and Jeanette Marie also visited the department of radiology, St. Francis Hospital, Blue Island, Illinois, relative to the new installation at this institution and took advantage of the opportunity to visit the national exhibit and show room of the General Electric X-Ray Corporation while in Chicago.

The Catholic Hospital Association Institute for Radiologic Technologists was well attended. The program was excellent, with contributions from outstanding radiologists, hospital administrators, lawyers and technologists, including a mock court trial, "Radiology on Trial", the last day of the program. The Institute was under the direction of Dr. A. E. Brodeur, who entertained the group after the annual banquet with the "Magician's Hour", with Sister Marie

Patrice having assisted with the preparation of same with her artistic skill.

Sister Aloysius Marie, S.S.M., recently spent a week in Ironton, Missouri, relieving Sister Dorothy Marie, S.S.M., while the latter was a patient in St. Mary's Hospital, St. Louis. We are happy that Sister Dorothy Marie is better and that Sister Aloysius Marie has been able to return to her recent appointment as full time faculty member of the department of radiologic technology of Saint Louis University. Sister Mary Rita Ann has recently joined the staff of Saint Eugene Hospital, Dillon, South Carolina. Sister was formerly at St. Mary's Infirmary. The Infirmary has recently been opened as a Detoxification Center for Alcoholics, one of the first of its kind.

Sister Mary Johnita, R.S.M., Kenneth Marks, Sister Velma Kampschmidt and Sister Mary Alacoque, S.S.M., have recently been appointed to the Advisory Committee on radiologic technology of the Junior College District of St. Louis. The College anticipates offering a two year program in radiologic technology as of next September.

At a recent meeting of The Committee on Radiologic Technology for the Forest Park Junior College proposed program in radiologic technology a vote taken that Ulysses Murray be appointed a member of the Committee carried. Phyllis McEnerney has also been added to the Junior College staff as a consultant during the current semester. Juan Taveras, M.D., Professor of Radiology, Washington University and Charles J. Cherre, M.D., are radiologists holding membership on this committee.

Sister Alphonsus Mary Farih, S.S.M., was recently certified in radiation therapy technology by the ARRT. She received the combined B.S. degree in roentgen technique and radiation therapy technology from St. Louis University last June. Diane Wathen, Martin Strussion and Olayiwola Alara of Nigeria were also certified in radiologic technology by the ARRT in

cont'd. page 26

MISSOURI RADIOLOGICAL SOCIETY, INC.

compliments

THE MISSOURI SOCIETY
OF
RADIOLOGIC TECHNOLOGISTS

ON THE WORK THAT THEY HAVE DONE
AND CONTINUE TO DO TO MAINTAIN
THE HIGH STANDARDS OF X-RAY
TECHNOLOGY IN THE
STATE OF MISSOURI
AND WHOLE-HEARTEDLY SUPPORTS
THE PROGRAM AND AIMS
OF THE
MISSOURI SOCIETY
OF RADIOLOGIC TECHNOLOGISTS

1967 IN ST. LOUIS. . .

Good things never fade away and die . . . they just "become" and linger on in our memory. And a VIE (Very Important Event) is fast on its way to reality. We are already three months deep into 1967 and June 10-15, those all important dates, are just three months away. So the 39th Annual Convention of the ASRT is rapidly "becoming". We are expecting the largest registration ever, so let's make it so wonderful educationally, scientifically and pleasure-wise that its lingering will never be effaced.

This means much WORK on the part of some of us. It means ATTENDANCE by all of us who can possibly be there. It means PARTICIPATION in all the convention offers. Come and do YOUR share.

Sister Aloysius Marie, S.S.M., R.T.
Chairman, Convention Publicity
Committee



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SAINT LOUIS, MISSOURI

Radiopaques cont'd.

urography was initiated in 1928 with efforts to improve on the sodium iodide solutions. Responses were lessened and the quality of the urograms was bettered.

Ever since they were discovered, the water-soluble radiopaques have been used for retrograde urography and cholangiography. Recently, they have established usage for opacification of the joints, for intraosseous venography and for splenoportography. These various employments of contrast media cause a wider interest in the development of even better radiopaques than are presently in use.

Cholecystography originated from an inspiration by the deceased Evarts Graham. Aided by Warren Cole, Sherwood Moore, and Glover Copher, Graham explained that phenoltetrachlorophthalein is expelled almost completely in the bowel. Since it was known that the gallbladder concentrates bile 8 to 10 times, Evarts Graham concluded that brominated or iodinated derivatives of phenolphthalein held promise for cholecystographic agents. Cholecystograms were not secured until Cole injected the calcium salt of tetrabromophenolphthalein into a dog in 1923 that had not been fed. Due to the lack of food, the medium concentrated in the gallbladder, hence cholecystography. A year later, the first cholecystogram was performed on a human.

The oily and viscous radiopaques are more diverse chemically than the other media. The beginning inquiries previous to World War I did not yield agents of enduring importance. Advancement began in 1921 when Forestier and Sicard started their work with iodinated oils. Forward developments began from previous studies for picturing the fistulas and the urinary bladder.

This type of media is used in various radiologic examinations as follows: bronchography, cholangiography, cystography, dicrocystography, fistulography, hepatosplenography, hysterosal-

pingography, sialography, urethrography, ventriculography, and vesiculography.

Investigations along with experimentations will bring about developments of better and more varied radiopaques for use in diagnostic radiography.

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May-June, 1966
Published by World Wide Medical
News Service



Society Page cont'd.

Dr. Henry Lattinville, eminent Neurosurgeon spoke on the importance of good oblique films of the cervical spine and of preferred technique in angiograms at the January meeting of the 4th District at Garavelli's Restaurant.

The February 16th meeting was held at the Holiday Inn, Midtown, (formerly the DeVille). Following dinner, at which our speaker was an honored guest, the meeting took place in an adjoining room with Dr. Lawrence Pilla speaking on OB-GYN Radiology. It was a most interesting and informative talk illustrated with slides. Lee Hunt, the secretary, was the fortunate one who won the attendance prize for the evening which was donated by our generous commercial men.

Our Annual Bosses' Night will be held on March 16, 1967 at which time Dr. J. B. Beare will speak on "Safari in Africa." This will also be held at the Holiday Inn, Midtown. This is always a big night in the 4th District and we hope to make this no exception.

Sister Velma Kampschmidt is President and Walter Anderssen is program chairman.

F The 5th District met at the
I Missouri State Sanitorium at
F DISTRICT Mount Vernon on October
T 23, 1966. Ted Rust is the
H President and Robert Rein
 the Secretary.

Willen Cortz, M.D., of the Sanatorium staff spoke on "The Necessity of Good Chest Radiographs." The doctor pointed out several cases where various diseases were not demonstrated on chest films due to poor technique or positioning.

A discussion was held by the members as to the best way the district could obtain funds for the A.S.R.T. convention in June. It was decided that the district would hold a scrap film drive.

S The December meeting of
I the 6th District was a
X DISTRICT Christmas Dinner Party at
T the Pancake House in Cape
H Girardeau. The tables were
 decorated for the Christmas
season by Clara Smith and Glenda Bullinger and
their children who assisted in making the place
markers and corsages.

A business session followed the dinner with election of officers. Those elected were:

Donald Brown, R.T., Poplar Bluff - President
James Patterson, R.T., Poplar Bluff - Vice Pres.
Judy Foeste, R.T., Cape Girardeau - Secretary and Treasurer

Officers were installed by Clara Smith, President of M.S.R.T. Twenty six were present.

Sixth District met on January 10, 1967 at St. Mary's of the Ozarks Hospital in Ironton. Sister Dorothy Marie, R.T., entertained the group and showed them around the hospital and told of the remodeling plans for the future.

Ray Youngman presented the program with slides on the "Latent Image". Following refreshments, the members shared their daily problems and tasks in an interesting get-together. Fifteen were present.



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- Lois Binkley Cross

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News About Town cont'd.

November. Miss Wathen and Mr. Strussion are graduates of Johns Hopkins Hospital School of Radiologic Technology, and Mr. Alara of Homer G. Phillips Hospital School of Radiologic Technology as of last August. Miss Wathen and Mr. Strussion are now students in radiologic technology, Saint Louis University, and Mr. Alara, who is now employed at Alexian Brothers Hospital, plans to enter St. Louis University as of February 1967. Miriam Bierman, student from St. Joseph's Hospital, St. Charles, Missouri, also was registered by the ARRT in November.

Doctor Brodeur has recently released an 8 x 11 thirty-six page brochure, "Pediatric Urology", a quick and valuable reference in this field. This brochure was distributed to the registrants of the refresher course conducted by Dr. Brodeur at the recent RSNA convention.

Doctors Berry and Berenson (where Kathy De Blase spends her time) gave a big Christmas party for about 50 participants at the Top of the Towers in Kansas City.

Barbara Sitzler and her husband went to Las Vegas in January. She said it was a lot of fun but now she thinks the film scrap funds should go to her.

What a traveling group of people, these Kansas Citians. Mary Di Martino left for Colorado in February. Going to try her luck skiing but this time she is sticking to the beginner's slope.

Lauralee Groves really did it!!! Joined World Travelers. Went to Las Vegas, saw Juliet Prowse, Bill Cosby, Debbie Reynolds ... flew to Los Angeles ... saw the big game and lost her money in the slot machines.

Patricia Ewigman, promising new R.T. and member of M.S.R.T., spoiled it all by becoming Mrs. Bradford and moving to Merriam, Kansas. She says "hello" to all her friends.

Donald Adler now lives in Colorado Springs, Colorado.

Mr. and Mrs. Oscar Rose now have a brand new baby girl. The new little one had to have cranial surgery but we are happy to say everything is fine now.

Lilburn Erting, for many years with the Veteran's Administration Regional Office, is now with Picker X-ray Corporation.

Orvil Sikes reports that Chelmer Barrow, R.T., M.T., formerly at the Bonne Terre Hospital and a member of the Sixth District has moved to Moberly and is now employed at Community Memorial Hospital. He started there in charge of the laboratory and x-ray departments last June. As of January, 1967, he assumed the post of Administrator. CONGRATULATIONS!

Clara Smith and Glenda Bullinger have enrolled in a Leadership Training Course in Cape Girardeau.

James Patterson is the lucky man who just moved into a new home in Poplar Bluff.

The membership of M.S.R.T. extends their sympathy to Dr. J. E. McConchie in the recent loss of his wife, Mrs. Margaret McConchie.

Sister Mary Ellen, O.S.B., of St. Mary's Hospital in Duluth and Editor of Minnesota's State Journal, HIGH TENSION NEWS, undertook a big project. She sent a questionnaire to the other editors of state journals and from the information received made up a chart containing the circulation, kind of type, whether advertising or not and the cost of the various publications and from this made a display for their state convention. She said she found many technicians interested in what other states were doing and many viewed her display. She sent us a nice letter of thanks and was kind enough to say she enjoyed the MISSOURI MINUTES and had gotten many ideas from it.

We understand our little Public Relations Chairman, Lauralee Groves, is busy behind the scenes endeavoring to have Marjorie Tolan,

Dr. Charles Shopfner, and Dr. Charles Cherre speak at the radiologists meeting in April in the technicians' behalf.

The Leslie Grants are now a family having had their first child, a baby girl, in February, 1967.

Thanks to the Second District for renewing their complimentary advertisement in the MISSOURI MINUTES.

The M.S.R.T. enrolled 17 new members in February, thanks largely to Dr. William Allen, Jr., of Homer Phillips Hospital, who made it mandatory that his students join their state Society.

There will be a meeting of the Executive Committee, Officers, Committee Chairmen and District Presidents of the M. S. R. T. at the Chase Hotel on March 5th. Following this, there will be the monthly meeting of the Convention chairmen to ascertain the progress of the various committees.

We are glad to welcome back to M.S.R.T. a former member, Robert Kientzle, employed at St. Louis County Hospital for many years.

We see our old friend and former member, Brent Mockbee, now at the Desert Hospital, Palm Springs, California, needs an x-ray technician in his department. The advertisement appeared in the TECHNIGRAM.

We have some very nice people among our Editors. Connie North, Editor of the ILLINI TECH took time out from her many duties to send us a very nice letter in response to some of our inquiries.

Again we are indebted to the Scott Radiological Group for funds to our scrap film drive in the amount of \$11.31 and to the offices of Drs. Weir, McNamara and Pilla for scrap film in the amount of \$30.00.

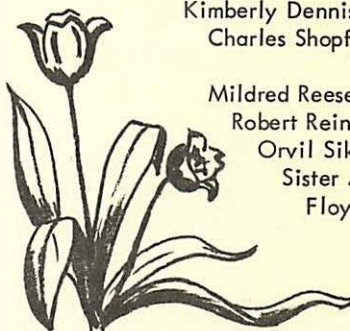
Maurice Black will be leaving Homer Phillips
cont'd. page 28

CONTRIBUTORS TO THIS ISSUE

Lauralee Groves
Helen Ferwerda
Ethel Sullivan
Kathy De Blase
Sister Alacoque

Clara Smith
Sister Armella
Kimberly Dennison
Charles Shopfner, M.D.

Mildred Reese
Robert Rein
Orvil Sikes
Sister Aloysius Marie
Floyce Wharton



COMPLIMENTS

FROM

A COMMERCIAL FRIEND

OF TECHNICIANS

News About Town cont'd.

Hospital as of February 15 for employment at Cochran Veterans Administration Hospital in St. Louis.

Just as we went to press another check came in from the office of Dr. D. E. Callahan, The Northland Radiology Lab, for \$5.50 from scrap film. Thanks to one and all.

We understand the stork is hovering over the Northland Rad Lab. Wonder who he could be looking for?

Dick Cushman is the lucky one who snared the position of Chief Technician at St. Joseph Hospital in Chicago - the advertisement that appeared in the last issue of MISSOURI MINUTES.

Dave Blackwell and Gene Tomlinson have both had promotions at Washington University School of Medicine recently. Both have been given the title of "Lecturer".

We just learned that Sister Mary Hugh has been very ill in St. Mary's Hospital, St. Louis, for nearly two months. We are glad to hear that she is up and about and back at work again, although it will take a while to revive her old vim and vigor.

We wish to thank the Fourth District for their contribution for the continuance of their complimentary ad in the MISSOURI MINUTES.

The stork and Santa nearly bumped when the new baby girl was delivered to the Jack Prances.

After working on the convention committees and corresponding with many people in many states and also writing with various Editors of other Publications, I have come to the conclusion that the nicest people in the world are X-RAY TECHNICIANS.

E.F.

The Skeleton of the Matter:

The anatomy of any association of club includes four kinds of bones: (1) wish bones, who want someone else to do the work; (2) jaw bones, who talk a lot but do little else; (3) knuckle bones, who knock everything others try to do, and (4) back bones, who get behind the wheel and do the work.

If you are not big enough to stand criticism, you are too small to be praised.



MISSOURI MINUTES

ELVA FALKNOR, Editor

634 North Grand
St. Louis, Mo. 63103



• Ulysses F. Murray, R.T.
• 4965a Northland Place
• St. Louis, Mo. 63113
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