

BOARD MEETING
SEPTEMBER 2004

West Virginia Radiologic Technology
Board of Examiners

1715 Flat Top Road

P.O. Box 638

Cool Ridge, WV 25825

Telephone: (304) 787-4398 Toll Free (in WV): (877) 609-9869

Fax: (304) 787-3030 E-mail: wvrtboe@charter.net

FINANICIAL STATEMENT
MAY, 2004

Beginning Balance as of May 1, 2004		\$39,139.79
Deposits for May, 2004		<u>\$4,700.00</u>
	Total Receipts:	\$43,839.79
Disbursements for May, 2004		
001 Payroll	\$5,632.10	
010 Administrative Fees	\$47.50	
011 SS & Medicare	\$411.09	
012 P/E Insurance Agency	\$933.64	
014 Workers Compensation	\$129.65	
016 P/E Retirement System	\$412.62	
020 Office Expense	\$81.12	
022 Larry Lilly (Rent)	\$350.00	
023 Utilities	\$91.40	
024 Telecommunications	\$357.28	
025 Contractual/Professional	\$1,422.50	
026 Travel Expense	\$370.34	
027 State Auditor & IS & C Computer Service	\$787.25	
029 Car Rental	\$70.00	
034 Household Supplies	\$39.13	
036 Vehicle Maintenance	\$95.00	
053 Postal Expenses	\$5.82	
110 P/E Insurance Transfer	\$676.00	
	Total Disbursements:	<u>\$11,912.44</u>
Balance as of May 31, 2004		\$31,927.35

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FINANCIAL STATEMENT
JUNE, 2004

Beginning Balance as of June 1, 2004		\$31,927.35
Deposits for June, 2004		\$10,335.00
	Total Receipts:	\$42,262.35
Disbursements for June, 2004		
001 Payroll	\$6,028.10	
011 SS & Medicare	\$441.39	
012 P/E Insurance Agency	\$933.64	
016 P/E Retirement System	\$412.62	
022 Larry Lilly (Rent)	\$350.00	
023 Utilities	\$47.93	
024 Telecommunications	\$454.28	
025 Contractual/Professional	\$70.00	
026 Travel Expense	\$307.00	
027 State Auditor & IS & C Computer Service	\$64.83	
029 Car Rental	\$70.00	
031 Association Dues	\$230.00	
036 Vehicle Maintenance	\$65.00	
053 Postal Expenses	\$275.70	
089 Bank Cost (Credit Card Expense)	\$106.32	
	Total Disbursements:	\$9,856.81
Balance as of June 30, 2004		\$32,405.54

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FINANCIAL STATEMENT July 1, 2003 - June 30, 2004

Beginning Balance as of July 1, 2003 \$ 43,851.01

Income for 2003-04

Permanent License Fee	207 Issued	\$15,525.00
Renewal License Fee	1,976 Issued	98,800.00
Podiatry License	2 Issued	150.00
Probationary License	5 Issued	125.00
Reinstatement Fee	120 Issued	1,810.00
Temporary License Fee	117 Issued	2,925.00
Name Change Fee	11 Issued	110.00
Duplicate License Fee	2 Issued	20.00
Roster of Licensees	5 Issued	500.00
West Virginia Exam	3 Issued	210.00

Total Revenue for 2003-04 FY \$164,026.01

*SEE PAGE 2

Financial Statement - FY 2003-04
Page 2

Total Revenue for 2003-04 FY

\$164,026.01

Disbursements for FY 2003-04

001 Payroll	\$ 68,911.20
002 Per Diem	1,125.00
004 Annual Increment	1,500.00
010 Administrative Fees	427.50
011 SSM & Medicare	5,149.30
012 P/E Insurance Agency	11,203.68
014 Workers' Compensation	505.40
015 Department of Employment Security	2,514.31
016 P/E Retirement System	5,108.94
020 Office Expense	1,074.62
021 Printing	805.50
022 Rent	4,200.00
023 Utilities	1,497.22
024 Telecommunications	5,089.07
025 Contractual/Professional	4,196.75
026 Travel Expense	2,528.19
027 Computer Services	1,531.42
029 Vehicle Rental	787.00
031 Association Dues	860.00
032 Liability Insurance	2,978.00
034 Household Supplies	80.06
036 Vehicle Maintenance	2,441.55
038 Maintenance Contracts	450.00
042 Hospitality (conference room rental)	1,232.13
052 Training & Development	170.00
053 Postal & Freight	3,103.67
054 Computer Supplies	423.22
058 Misc. Equipment Purchase	419.99
110 P/E Insurance Transfer	676.00
089 Bank Cost (Credit Card Expense)	<u>630.75</u>

Total disbursements for FY 2003-04

\$131,620.47

Balance in account as of June 30, 2004

\$32,405.54

2003		2004
\$135,506.99	Disbursements	\$131,620.47
<u>121,185.00</u>	Deposits	<u>120,175.00</u>
\$ 14,321.99		11,445.47

Spent \$2,876.52 less in 2004

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FINANICIAL STATEMENT
JULY, 2004

Beginning Balance as of July 1, 2004		\$32,405.54
Deposits for July, 2004		\$11,110.00
	Total Receipts:	\$43,515.54
Disbursements for July, 2004		
001 Payroll	\$6,036.40	
004 Annual Increment	\$1,600.00	
011 SS & Medicare	\$563.43	
012 P/E Insurance Agency	\$951.64	
015 Department of Employment Security	\$594.73	
016 P/E Retirement System	\$597.12	
020 Office Expense	\$139.23	
022 Larry Lilly (Rent)	\$350.00	
023 Utilities	\$36.71	
024 Telecommunications	\$610.75	
025 Contractual/Professional	\$282.00	
026 Travel Expense	\$20.00	
027 State Auditor & IS & C Computer Service	\$839.39	
029 Car Rental	\$85.00	
032 Liability Insurance	\$781.75	
036 Vehicle Maintenance	\$91.18	
038 Maintenance Contract	\$112.50	
042 Hospitality (Conference room & refreshments)	\$202.97	
053 Postal Expenses	\$228.04	
054 Computer Supplies	\$57.99	
	Total Disbursements:	\$14,180.83
Balance as of July 31, 2004		\$29,334.71

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FINANCIAL STATEMENT
AUGUST, 2004

Beginning Balance as of August 1, 2004		\$29,334.71
Deposits for August, 2004		\$14,220.00
	Total Receipts:	\$43,554.71
Disbursements for August, 2004		
001 Payroll	\$6,252.40	
011 SS & Medicare	\$457.55	
012 P/E Insurance Agency	\$951.64	
014 Workers' Compensation	\$119.03	
016 P/E Retirement System	\$429.12	
020 Office Expense	\$117.30	
022 Larry Lilly (Rent)	\$350.00	
023 Utilities	\$56.49	
024 Telecommunications	\$92.90	
026 Travel Expense	\$21.25	
036 Vehicle Maintenance	\$205.98	
053 Postal Expenses	\$247.00	
054 Computer Supplies	\$119.85	
081 Payment of Claims (Verizon)	\$54.76	
089 Bank Cost (Credit Card Expense)	\$91.64	
	Total Disbursements:	\$9,566.91
Balance as of August 31, 2004		\$33,987.80

WEST VIRGINIA RADIOLOGIC TECHNOLOGY BOARD OF EXAMINERS

P.O. Box 638
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AGENDA FOR SEPTEMBER 16, 2004 MEETING

- I MINUTES FROM JUNE MEETING**
- II FINANCIAL STATEMENTS**
- III LEGISLATION**
 - A. SERIES 1 RULE**
 - B. SERIES 1 RULE FOR 2006 LEGISLATIVE SESSION**
- IV COMPLAINTS**
 - A. DISMISSAL FOR BREECH OF PATIENT CONFIDENTIALITY**
 - B. DISMISSAL FOR FORGING PRESCRIPTIONS**
 - C. DISMISSAL FOR FAILURE OF DRUG SCREEN FOR CAUSE**
 - D. DENTAL PERSONNEL TAKING HAND X-RAYS**
- V OLD BUSINESS**
 - A. PET/CT**
- VI NEW BUSINESS**
- VII ADJOURN**

West Virginia Radiologic Technology

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BOARD MEETING

June 10, 2004

Members Present

Susan Bellomy, Secretary
Alice Belmont
Jamie Browning
Grace Peters
I. Elaine Moore, MD (conference call)

Members Excused

Mark Wilcox, (Chairman)
Jeffrey C. Dameron, M.D.
Jeanne Morris
Shawn Reesman, M.D.

Office Staff

Grady Bowyer
Carol Blosser

The meeting was called to order by Secretary, Susan Bellomy, at 5:15 P.M. A quorum was not present so Ms. Bellomy asked Mr. Bowyer if he had anything to present or to discuss that would not require a vote at this time.

Legislation: Series 1 Rule - The rule was filed in April for public comment for 30 (thirty) days. No comments were received by the office during the public comment period. The Rule was filed on June 10, 2004 with the Legislative Rule Making Review Committee and the Secretary of State's Office. It should be on the interim's agenda in July at which time Mr. Bowyer will attend the meeting. The Rule will then lay until the Legislature comes into session. Mr. Bowyer advised the Board that he has been informing the schools that he has visited and the hospitals he has inspected about the Series 1 Rule increase in fees except for the renewal fees. He has also been informing them that the last increase of renewal fees was in 1998 and in 2006 or 2007, the renewal fee could be increased due to the continuing rise of inflationary costs and operational increase in expenses of the Board.

Series 6 Rule - The rule was effective on June 10, 2004. This is the definition of the Practice of Radiologic Technology. Mr. Bowyer informed the Board that since the Series 6 Rule is now in effective he will send a letter to all the Cath Labs with a copy of the Rule as agreed upon at the December 2nd 2003 meeting.

Complaint: (A) Dental personnel taking hand x-rays - The office was contacted about a Dental Office in Beckley taking hand and wrist x-rays for bone growth by the Dental Assistant and Hygienist. The Board has no jurisdiction over the Dental Assistant or Hygienist, so Mr. Bowyer forwarded the complaint to John Parklo with the Dental Board. The response from the doctor from Mr. Parklo's correspondence was that this was common practice in an Orthodontic Dental Office's and sent documentation to this effect. The response did not include that only the doctor himself, who is exempt from our law, took the x-rays. Mr. Bowyer will discuss this further with Mr. Parklo that unless the Doctor himself takes the x-rays, this is not acceptable to this Board. The Dental Assistant and Hygienist can not take the x-rays without having a license with our office. The Dental Board will have a meeting in July to discuss this matter.

Old Business: All the books were delivered to the graduating class of the schools. Sixty-three (63) temporary license have been issued at this time, with approximately sixty-eight (68) left to graduate. Out of those issued, nineteen (19) have passed their ARRT exam and one has failed.

License inspections: All of the hospitals in the state have now been inspected at least once.

Reappointments: A letter has been submitted to the Governor for reappointment to the Board for Alice Belmont and Jamie Browning. A replacement must be appointed for Dr. Dameron who's term expires on June 30, 2004.

Auditor's Seminar: The seminar will be held on September 8th, 2004. It was recommended that Ms. Browning, being a new member, would benefit by attending the seminar with Mr. Bowyer. Mr. Bowyer will contact Ms. Browning's supervisor for permission for her to attend the seminar with Mr. Bowyer.

A request was received by the office from Ms. Chris Paugh, Program Director at WVU Hospital Radiation Therapy school to have Radiation Therapist's license a different color from the Radiologic Technologist's license. After a discussion, the Board's consensus was that they did not see a need or a purpose at this time to have the color changed. This is primarily due to the fact that if the Board changed the color for therapists, it would also have to change the color for all the other radiology specialities.

Mr. Bowyer contacted Dr. Moore for a conference call to have a quorum.

Minutes: Ms. Bellomy made a motion to accept the minutes of March 25, 2004 as presented. Ms. Browning seconded the motion. Motion carried.

Financial Report: The financial report was presented by Ms. Blosser. Ms. Bellomy made a motion to accept the financial report as presented. Ms. Belmont seconded the motion. Motion carried.

Personnel Evaluations: Ms. Bellomy presented the evaluation that Mr. Wilcox had completed on Mr. Bowyer with the recommendation of a 4% (four percent) pay increase. Mr. Bowyer recommended a 5% (five percent) pay increase for Ms. Blosser. Mr. Bowyer recommended that the Board give Ms. Casto, our temporary clerical help, a raise of \$1.00 per hour pay increase. Ms. Bellomy stated for the record that the Board appreciates the effort, the work and the fine job done by Mr. Bowyer and Ms. Blosser. Ms. Bellomy made a motion that Mr. Bowyer received a 4% (four percent) pay increase, Ms. Blosser receive a 5% (five percent) pay increase and Ms. Casto a \$1.00 an hour pay increase. Ms. Peters seconded the motion. Motion carried.

New Business: Pet/CT - Mr. Hill, of the DHHR, forwarded information to Mr. Bowyer concerning Pet/CT. After some discussion, Ms. Bellomy made a motion to have copies of all Pet/CT information forwarded to the Board members to discuss at the next meeting. Ms. Belmont seconded the motion. Motion carried.

Election of Officers: Mr. Bowyer informed the Board that Mr. Wilcox had stated he would not run again for Chairman. Mr. Bowyer asked for nominations for Chairperson. Ms. Belmont nominated Ms. Bellomy, who declined the nomination for personal reasons. Ms. Bellomy nominated Ms. Belmont who declined the nomination. Ms. Browning nominated Dr. Moore. Ms. Bellomy seconded the nomination. Ms. Bellomy made a motion that the nominations be closed. Ms. Belmont seconded. Dr. Moore agreed to serve and was elected Chairperson. Mr. Bowyer asked for nominations for Secretary. Ms. Belmont nominated Ms. Bellomy. Ms. Browning seconded the nomination. Ms. Belmont moved the nominations be closed. Ms. Peters seconded. Ms. Bellomy accepted the position by acclamation.

The September meeting will be held at Elkview on the 16th at 5 P.M.

The meeting adjourned at 6:25

Minutes submitted by Carol Blosser, Administrative Secretary

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FINANCIAL STATEMENT MAY, 2004

Beginning Balance as of May 1, 2004			\$39,139.79
Deposits for May, 2004			
	Total Receipts:	<i>wrong because of auditor</i> <u>(\$4,700.00)</u>	<u>\$43,839.79</u>
Disbursements for May, 2004			
001 Payroll	\$5,632.10		
010 Administrative Fees	\$47.50		
011 SS & Medicare	\$411.09		
012 P/E Insurance Agency	\$933.64		
014 Workers Compensation	\$129.65		
016 P/E Retirement System	\$412.62		
020 Office Expense	\$81.12		
022 Larry Lilly (Rent)	\$350.00		
023 Utilities	\$91.40		
024 Telecommunications	\$357.28		
025 Contractual/Professional	\$1,422.50	<i>Greg's bills + 2 NRT shared</i>	<u>140.00</u>
026 Travel Expense	\$370.34		
027 State Auditor & IS & C Computer Service	\$787.25	<i>- 3rd quarter auditor 725.00</i>	
029 Car Rental	\$70.00		
034 Household Supplies	\$39.13		
036 Vehicle Maintenance	\$95.00		
053 Postal Expenses	\$5.82		
110 P/E Insurance Transfer	\$676.00	<i>- twice a year</i>	
	Total Disbursements:		<u>\$11,912.44</u>
Balance as of May 31, 2004			<u>\$31,927.35</u>

credit card 350.78
internet service
workman's comp
office supplies

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FINANCIAL STATEMENT JUNE, 2004

Beginning Balance as of June 1, 2004		\$31,927.35
Deposits for June, 2004		\$10,335.00
	Total Receipts:	\$42,262.35
Disbursements for June, 2004		
001 Payroll	\$6,028.10	
011 SS & Medicare	\$441.39	
012 P/E Insurance Agency	\$933.64	
016 P/E Retirement System	\$412.62	
022 Larry Lilly (Rent)	\$350.00	
023 Utilities	\$47.93	
024 Telecommunications	\$454.28	
025 Contractual/Professional	\$70.00	
026 Travel Expense	\$307.00 - Board meeting	
027 State Auditor & IS & C Computer Service	\$64.83	
029 Car Rental	\$70.00	
031 Association Dues	\$230.00 - Clear -	
036 Vehicle Maintenance	\$65.00	
053 Postal Expenses	\$275.70	
089 Bank Cost (Credit Card Expense) <i>March + April</i>	\$106.32	
	Total Disbursements:	\$9,856.81
Balance as of June 30, 2004		\$32,405.54

*credit card 425.70
U. S. Postal service
~~computer~~ internet service*

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FINANCIAL STATEMENT July 1, 2003 - June 30, 2004

Beginning Balance as of July 1, 2003 \$ 43,851.01

Income for 2003-04

Permanent License Fee	207 Issued	\$15,525.00
Renewal License Fee	1,976 Issued	98,800.00
Podiatry License	2 Issued	150.00
Probationary License	5 Issued	125.00
Reinstatement Fee	120 Issued	1,810.00
Temporary License Fee	117 Issued	2,925.00
Name Change Fee	11 Issued	110.00
Duplicate License Fee	2 Issued	20.00
Roster of Licensees	5 Issued	500.00
West Virginia Exam	3 Issued	210.00

Total Revenue for 2003-04 FY \$164,026.01

*SEE PAGE 2

Financial Statement - FY 2003-04
Page 2

Total Revenue for 2003-04 FY

\$164,026.01

Disbursements for FY 2003-04

001 Payroll	\$ 68,911.20
002 Per Diem	1,125.00
004 Annual Increment	1,500.00
010 Administrative Fees	427.50
011 SSM & Medicare	5,149.30
012 P/E Insurance Agency	11,203.68
014 Workers' Compensation	505.40
015 Department of Employment Security	2,514.31
016 P/E Retirement System	5,108.94
020 Office Expense	1,074.62
021 Printing	805.50
022 Rent	4,200.00
023 Utilities	1,497.22
024 Telecommunications	5,089.07
025 Contractual/Professional	4,196.75
026 Travel Expense	2,528.19
027 Computer Services	1,531.42
029 Vehicle Rental	787.00
031 Association Dues	860.00
032 Liability Insurance	2,978.00
034 Household Supplies	80.06
036 Vehicle Maintenance	2,441.55
038 Maintenance Contracts	450.00
042 Hospitality (conference room rental)	1,232.13
052 Training & Development	170.00
053 Postal & Freight	3,103.67
054 Computer Supplies	423.22
058 Misc. Equipment Purchase	419.99
110 P/E Insurance Transfer	676.00
089 Bank Cost (Credit Card Expense)	<u>630.75</u>

Total disbursements for FY 2003-04

\$131,620.47

Balance in account as of June 30, 2004

\$32,405.54

2003		2004	
\$135,506.99	Disbursements	\$131,620.47	
<u>121,185.00</u>	Deposits	<u>120,175.00</u>	
\$ 14,321.99		11,445.47	

3,886.52 less
1,010.00 less

Spent \$2,876.52 less in 2004

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FINANCIAL STATEMENT JULY, 2004

Beginning Balance as of July 1, 2004		\$32,405.54
Deposits for July, 2004		<u>\$11,110.00</u>
	Total Receipts:	\$43,515.54

Disbursements for July, 2004

001	Payroll	\$6,036.40	
004	Annual Increment	\$1,600.00	<i>Andy's -</i>
011	SS & Medicare	\$563.43	
012	P/E Insurance Agency	\$951.64	
015	Department of Employment Security	\$594.73	<i>- quarterly employment</i>
016	P/E Retirement System	\$597.12	
020	Office Expense	\$139.23	
022	Larry Lilly (Rent)	\$350.00	
023	Utilities	\$36.71	
024	Telecommunications	\$610.75	
025	Contractual/Professional	\$282.00	
026	Travel Expense	\$20.00	
027	State Auditor & IS & C Computer Service	\$839.39	<i>- 4th Quarter audits \$775.00</i>
029	Car Rental	\$85.00	
032	Liability Insurance	\$781.75	<i>- 1st quarter</i>
036	Vehicle Maintenance	\$91.18	
038	Maintenance Contract	\$112.50	<i>- copier</i>
042	Hospitality (Conference room & refreshments)	\$202.97	
053	Postal Expenses	\$228.04	
054	Computer Supplies	\$57.99	

Balance as of July 31, 2004	Total Disbursements:	<u>\$14,180.83</u>
		\$29,334.71

credit card \$35.59
Office supplies, internet service, Copier maintenance, Hospitality, post office

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FINANCIAL STATEMENT AUGUST, 2004

Beginning Balance as of August 1, 2004 **\$29,334.71**

Deposits for August, 2004 **\$14,220.00**

Total Receipts: **\$43,554.71**

Disbursements for August, 2004

001	Payroll	\$6,252.40
011	SS & Medicare	\$457.55
012	P/E Insurance Agency	\$951.64
014	Workers' Compensation	\$119.03
016	P/E Retirement System	\$429.12
020	Office Expense	\$117.30
022	Larry Lilly (Rent)	\$350.00
023	Utilities	\$56.49
024	Telecommunications	\$92.90
026	Travel Expense	\$21.25
036	Vehicle Maintenance	\$205.98
053	Postal Expenses	\$247.00
054	Computer Supplies	\$119.85
081	Payment of Claims (Verizon)	\$54.76
089	Bank Cost (Credit Card Expense) <i>May + June</i>	\$91.64

Quarterly payment -

*will be high in next couple of months
IS+C paying*

- court cost

Total Disbursements: **\$9,566.91**

Balance as of August 31, 2004 **\$33,987.80**

credit card \$704.08

Workers comp., internet service, post office, Office supplies

**PET/CT: New Challenges to Technologist
Education, Certification, Licensure and
Accreditation**

**CRCPD Meeting
Kansas City, Missouri
February, 18-20, 2004**

asrt
American Society of
Radiologic Technologists

snm
society of nuclear medicine
technologist section

**Fusion Imaging:
A New Type of Technologist
For a New Type of Technology**

**Statements from the PET-CT Consensus Conference
July 31, 2002, New Orleans, La.**

INTRODUCTION

From advances in x-ray film and cassettes to the introduction of computers and digital images, diagnostic imaging has never stopped reinventing its technology to improve patient care. Today, diagnostic imaging is on the cusp of explosive growth in an arena known as fusion imaging. This technology melds two independent imaging modalities – typically a procedure that demonstrates an organ’s function with one that depicts the organ’s anatomy – to produce a diagnostically and clinically superior study.

Nuclear medicine procedures such as positron emission tomography (PET) and single photon emission computerized tomography (SPECT) are unparalleled in their ability to assess information about metabolic function, while CT and MR are superior at depicting anatomy. Until recently, clinicians had to obtain physiological and anatomical information on separate machines and use special registration software to digitally superimpose the two images. Today, new hybrid equipment is capable of performing both types of examinations simultaneously, automatically merging the data to form a composite image. By uniting metabolic function with anatomic form, fusion imaging depicts the human body with a level of precision never before achievable.

The first commercial system to combine functional and anatomic imaging capabilities was a SPECT-CT unit introduced commercially in 1998. In 1999,

manufacturers began working on a hybrid PET-CT system, and the first commercial PET-CT unit was introduced in 2000. Today, four companies manufacture hybrid PET-CT systems – CPS Innovations, GE Medical Systems, Philips Medical Systems and Siemens Medical Solutions. Combined, these four companies had installed approximately 150 PET-CT units worldwide by mid-2002.

Although the number of PET-CT machines is small today, it is expected to increase in the next few years. In part, the demand will be driven by the technology's potential to revolutionize treatment planning for radiation therapy. New technology known as intensity modulated radiation therapy (IMRT) allows radiation therapists to deliver very high doses of cancer-killing radiation directly to cancerous tumors. A PET-CT scan gives radiation therapists a more accurate anatomical reference point for IMRT procedures, telling them the functional size and shape of a tumor and showing them precisely where to target the beam of radiation. This ensures that the tumor receives the maximum amount of radiation possible while the healthy tissue surrounding the tumor is spared.

As the popularity of fusion imaging grows, questions have arisen concerning the education, qualifications and regulation of the personnel who operate hybrid equipment such as SPECT-CT and PET-CT machines. On July 31, 2002, the Society of Nuclear Medicine Technologist Section (SNMTS) and the American Society of Radiologic Technologists (ASRT) convened a consensus conference to discuss the personnel issues involved in performing fusion imaging. Conference participants included technologists, physicians and educators, as well as representatives from state regulatory agencies,

companies that manufacture hybrid imaging equipment and supply radiopharmaceuticals, educational accreditation agencies, certification bodies and professional associations.

The goal of the conference was to develop specific recommendations for the education and regulation of personnel who operate hybrid imaging equipment. By offering these recommendations in the form of consensus statements, conference participants hope to ensure safe, high quality care for all patients who undergo fusion imaging examinations. Each consensus statement is presented below, accompanied by relevant discussion that took place at the July 31 meeting.

Because PET-CT currently is the most widely used type of hybrid imaging equipment, the consensus statements focus on personnel who operate PET-CT units. However, group members believe their recommendations might also be applied to personnel who operate other types of multimodality imaging equipment.

CONSENSUS STATEMENT NO. 1

Personnel Qualified To Operate PET-CT Equipment

Any registered radiographer with the credential R.T.(R), registered radiation therapist with the credential R.T.(T), or registered nuclear medicine technologist with the credentials R.T.(N) or CNMT may operate PET-CT equipment after obtaining appropriate additional education or training and demonstrating competency. It is acknowledged that some individuals will require more extensive additional education and training than others. A task force appointed by the American Society of Radiologic Technologists and the Society of Nuclear Medicine Technologist Section

will determine appropriate levels of education or training. The task force will use the results of a task analysis to identify core competencies for operators of PET-CT equipment, review and evaluate existing operator training materials, outline a formal course of study for PET-CT technologists and recommend appropriate methods for delivering the educational content.

Discussion Concerning Consensus Statement No. 1

Ideally, technologists operating a hybrid PET-CT unit would be a hybrid themselves, credentialed in both CT and nuclear medicine. However, fewer than 5,000 people nationwide are registered in radiography by the American Registry of Radiologic Technologists (ARRT) and registered in nuclear medicine technology by the ARRT or by the Nuclear Medicine Technology Certification Board (NMTCB). An even smaller number, less than 200, are ARRT- or NMTCB-registered nuclear medicine technologists who are also credentialed in CT through a specialty examination offered by the ARRT. As a result, a variety of personnel are operating PET-CT units. Although anecdotal reports suggest that the majority of equipment users are registered nuclear medicine technologists, the machines also are being operated by registered radiographers with or without credentials in CT, by registered radiation therapists, and by other personnel, both registered and unregistered.

Because so few technologists are credentialed in both radiography and nuclear medicine, and even fewer are credentialed in CT and nuclear medicine, conference participants did not believe it would be reasonable to demand dual certification for

operators of PET-CT equipment at this point. To do so would limit patient access to this valuable technology. Instead, they recommended that multiple pathways be created to educate or train registered nuclear medicine technologists, radiographers and radiation therapists to operate PET-CT equipment.

Conference participants acknowledged that each individual will require varying amounts of additional education, depending upon his or her background, skills and experience. For this reason, participants asked the ASRT and SNMTS to form a task force to identify core competencies that any operator of PET-CT equipment must possess. The task force then will recommend a professional course of study for PET-CT that focuses on providing quality examinations while reducing radiation dose to patients.

Currently, the manufacturers of PET-CT equipment provide the majority of education and training for operators of the equipment. As the modality matures, however, it is expected that natural market forces will lead to the development of more formalized training programs and educational models. Participants at the consensus conference noted that future instruction in PET-CT will need to follow a professional course of study that focuses not only on the technology and the examination, but also on patient care and patient management.

CONSENSUS STATEMENT NO. 2

Regulation of Personnel Who Operate PET-CT Equipment

States that license radiographers, nuclear medicine technologists or radiation therapists are encouraged to amend their regulations to permit any of these individuals to perform PET-CT examinations after they have

received appropriate additional education or training and demonstrated competency. States that do not currently license radiographers, nuclear medicine technologists or radiation therapists are encouraged to adopt laws that regulate the education and credentialing of these individuals. The Consumer Assurance of Radiologic Excellence bill, a federal legislative proposal, may be used as a model for state statutes governing the regulation of personnel who plan and deliver radiation therapy and perform any diagnostic imaging examinations except medical ultrasound.

Discussion Concerning Consensus Statement No. 2

Licensure laws for imaging technologists and radiation therapists vary from state to state. Currently, 38 states fully or partially license radiographers, 28 states fully or partially license radiation therapists, and 21 states fully or partially license nuclear medicine technologists.

Licensure is designed to protect the public by ensuring that only qualified individuals engage in a given occupation or profession. State licensure of radiologic technologists, radiation therapists and nuclear medicine technologists ensures that these individuals possess a basic level of education, knowledge and skill. However, many of the state licensure laws are not prepared to deal with personnel who use multimodality equipment such as PET-CT. For example, some states require that people operating PET-CT equipment possess dual certification in nuclear medicine and radiography – a very rare type of individual in some areas of the country. If a dually certified individual is not available, then these states require that two technologists be present to operate the

PET-CT equipment – one who is licensed in nuclear medicine to oversee the PET portion of the examination and one who is licensed in radiography to oversee the CT portion of the exam. With today's personnel shortages, it is inefficient to require two people to perform a job that could be accomplished by one. Requiring that technologists possess dual certification or that two technologists be present for PET-CT examinations could limit patient access to PET-CT if use of the technology increases dramatically.

Consensus conference participants recommended that licensure of PET-CT personnel be uniform across the states. It noted that enactment of the proposed Consumer Assurance of Radiologic Excellence bill, introduced in Congress last year, would provide a minimum regulatory standard for all personnel who plan and deliver radiation therapy and perform any type of diagnostic imaging examination except medical ultrasound. Until the CARE bill is enacted, however, the group urged the states to act individually to adopt the recommendations offered in this consensus paper concerning personnel qualifications and regulation.

In addition, professional societies such as the ASRT and the SNMITS also should review their own position statements, standards and other documents to bring them into line with the recommendations of the consensus conference.

CONCLUSION

The primary responsibility of an individual operating any type of medical imaging equipment is to obtain the best image quality while delivering the smallest radiation dose possible. For hybrid imaging examinations such as PET-CT, the technologist must be competent in every aspect of the examination, not just one component of it, in order to

maximize quality and minimize dose. Quality patient care hinges upon the qualifications of the person performing the procedure.

Hybrid technology has the potential to revolutionize medicine. However, in our rush to embrace fusion imaging, we must not lose sight of the ultimate users of this technology: our patients. They expect and deserve safe, accurate examinations provided by skilled, competent caregivers. The consensus statements developed at the PET-CT Consensus Conference and presented in this paper are a first step toward guaranteeing patients that the personnel involved in the exciting new world of fusion imaging are properly educated and qualified.

CONFERENCE PARTICIPANTS

Facilitator: Mickey Clarke, CNMT, FSNMTS
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Trustee, American Registry of Radiologic Technologists

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Chairman-elect, Nuclear Medicine Technology Certification Board

Jennifer White
Operational Training Leader, CPS Innovations, Knoxville, Tenn.

West Virginia Radiologic Technology

Board of Examiners

P.O. Box 638

Cool Ridge, WV 25825

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FACSIMILE COVER SHEET

DATE: 8/26/04 TIME: _____

TO: Judy Cooper

ADDRESS: Secretary of State Office

ATTN: _____

FAX NO: 558-5142

FROM: Carol Blosser

PAGES TO FOLLOW (Including Cover Sheet) 2

COMMENTS: Publication for State

Register - Board Meeting

FAX NUMBER: (304-787-3030)

**West Virginia Radiologic Technology
Board of Examiners**

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August 26, 2004

Secretary of State
Building 1, Suite 157-K
State Capitol
Charleston, WV 25305

Attn: Judy Cooper

Dear Judy,

We wish to have the following notice published in the State Register.

A meeting of the WV Radiologic Technology Board of Examiners will be held at the Elkview Country Inns & Suites, Elkview WV. The date and time of the meeting is September 16, 2004 at 5:00 P. M..

Items to be discussed will be financial reports, complaints, and legislation.

Thank you.

Sincerely,



Carol Blosser
Administrative Secretary

CB:

WV RT Board of Examiners

From: Grady M. Bowyer [gradybowyer@charter.net]

Sent: Wednesday, June 30, 2004 12:54 PM

To: Susie Bellomy, R.T.; Shawn Reesman, M.D.; Mark Wilcox, RT; Jeffrey C. Dameron, M.D.; Jean Morris; Jamie Browning; Greg Skinner; Grace Peters; Alice Belmont, R.T.; Grady M. Bowyer; WV RT Board

Subject: Next meeting date

The next scheduled Board meeting will be held on **Thursday, September 16, 2004 at 5:00 pm**. It will, again, be held at the Elkview Country Inns and Suites. Please mark this date on your calendar and plan to attend. We were one person short for the last meeting from having a quorum, but I was lucky enough to catch Dr. Moore by telephone for a conference call. We were, therefore, able to conduct the business of the Board.

If you see you will be unable to attend, please let me know so, if need be, I can postpone the meeting and cancel the food order. Otherwise, we will end up paying for everything.

Thanks,
Grady

This email has been scanned by Norton Anti-virus software and is believed to be virus free.

6/30/2004

WEST VIRGINIA RADIOLOGIC TECHNOLOGY BOARD OF EXAMINERS

P.O. Box 638
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Cool Ridge, WV 25825

Telephone (locally): 304-787-4398 toll Free (in WV): 877-609-9869 FAX: 304-787-3030
Email: wvrtboe@charter.net Web Site: www.wvrtboard.org

AGENDA FOR SEPTEMBER 16, 2004 MEETING

- I MINUTES FROM JUNE MEETING**
- II FINANCIAL STATEMENTS**
- III LEGISLATION**
 - A. SERIES 1 RULE**
 - B. SERIES 1 RULE FOR 2006 LEGISLATIVE SESSION**
- IV COMPLAINTS**
 - A. DISMISSAL FOR BREECH OF PATIENT CONFIDENTIALITY**
 - B. DISMISSAL FOR FORGING PRESCRIPTIONS**
 - C. DISMISSAL FOR FAILURE OF DRUG SCREEN FOR CAUSE**
 - D. DENTAL PERSONNEL TAKING HAND X-RAYS**
- V OLD BUSINESS**
 - A. PET/CT**
- VI NEW BUSINESS**
- VII ADJOURN**

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BOARD MEETING

June 10, 2004

Members Present

Susan Bellomy, Secretary
Alice Belmont
Jamie Browning
Grace Peters
I. Elaine Moore, MD (conference call)

Members Excused

Mark Wilcox, (Chairman)
Jeffrey C. Dameron, M.D.
Jeanne Morris
Shawn Reesman, M.D.

Office Staff

Grady Bowyer
Carol Blosser

The meeting was called to order by Secretary, Susan Bellomy, at 5:15 P.M. A quorum was not present so Ms. Bellomy asked Mr. Bowyer if he had anything to present or to discuss that would not require a vote at this time.

Legislation: Series 1 Rule - The rule was filed in April for public comment for 30 (thirty) days. No comments were received by the office during the public comment period. The Rule was filed on June 10, 2004 with the Legislative Rule Making Review Committee and the Secretary of State's Office. It should be on the interim's agenda in July at which time Mr. Bowyer will attend the meeting. The Rule will then lay until the Legislature comes into session. Mr. Bowyer advised the Board that he has been informing the schools that he has visited and the hospitals he has inspected about the Series 1 Rule increase in fees except for the renewal fees. He has also been informing them that the last increase of renewal fees was in 1998 and in 2006 or 2007, the renewal fee could be increased due to the continuing rise of inflationary costs and operational increase in expenses of the Board.

Series 6 Rule - The rule was effective on June 10, 2004. This is the definition of the Practice of Radiologic Technology. Mr. Bowyer informed the Board that since the Series 6 Rule is now in effective he will send a letter to all the Cath Labs with a copy of the Rule as agreed upon at the December 2nd 2003 meeting.

Complaint: (A) Dental personnel taking hand x-rays - The office was contacted about a Dental Office in Beckley taking hand and wrist x-rays for bone growth by the Dental Assistant and Hygienist. The Board has no jurisdiction over the Dental Assistant or Hygienist, so Mr. Bowyer forwarded the complaint to John Parklo with the Dental Board. The response from the doctor from Mr. Parklo's correspondence was that this was common practice in an Orthodontic Dental Office's and sent documentation to this effect. The response did not include that only the doctor himself, who is exempt from our law, took the x-rays. Mr. Bowyer will discuss this further with Mr. Parklo that unless the Doctor himself takes the x-rays, this is not acceptable to this Board. The Dental Assistant and Hygienist can not take the x-rays without having a license with our office. The Dental Board will have a meeting in July to discuss this matter.

Old Business: All the books were delivered to the graduating class of the schools. Sixty-three (63) temporary license have been issued at this time, with approximately sixty-eight (68) left to graduate. Out of those issued, nineteen (19) have passed their ARRT exam and one has failed.

Board Meeting
June 10, 2004
Page 2

License inspections: All of the hospitals in the state have now been inspected at least once.

Reappointments: A letter has been submitted to the Governor for reappointment to the Board for Alice Belmont and Jamie Browning. A replacement must be appointed for Dr. Dameron who's term expires on June 30, 2004.

Auditor's Seminar: The seminar will be held on September 8th, 2004. It was recommended that Ms. Browning, being a new member, would benefit by attending the seminar with Mr. Bowyer. Mr. Bowyer will contact Ms. Browning's supervisor for permission for her to attend the seminar with Mr. Bowyer.

A request was received by the office from Ms. Chris Paugh, Program Director at WVU Hospital Radiation Therapy school to have Radiation Therapist's license a different color from the Radiologic Technologist's license. After a discussion, the Board's consensus was that they did not see a need or a purpose at this time to have the color changed. This is primarily due to the fact that if the Board changed the color for therapists, it would also have to change the color for all the other radiology specialities.

Mr. Bowyer contacted Dr. Moore for a conference call to have a quorum.

Minutes: Ms. Bellomy made a motion to accept the minutes of March 25, 2004 as presented. Ms. Browning seconded the motion. Motion carried.

Financial Report: The financial report was presented by Ms. Blosser. Ms. Bellomy made a motion to accept the financial report as presented. Ms. Belmont seconded the motion. Motion carried.

Personnel Evaluations: Ms. Bellomy presented the evaluation that Mr. Wilcox had completed on Mr. Bowyer with the recommendation of a 4% (four percent) pay increase. Mr. Bowyer recommended a 5% (five percent) pay increase for Ms. Blosser. Mr. Bowyer recommended that the Board give Ms. Casto, our temporary clerical help, a raise of \$1.00 per hour pay increase. Ms. Bellomy stated for the record that the Board appreciates the effort, the work and the fine job done by Mr. Bowyer and Ms. Blosser. Ms. Bellomy made a motion that Mr. Bowyer received a 4% (four percent) pay increase, Ms. Blosser receive a 5% (five percent) pay increase and Ms. Casto a \$1.00 an hour pay increase. Ms. Peters seconded the motion. Motion carried.

New Business: Pet/CT - Mr. Hill, of the DHHR, forwarded information to Mr. Bowyer concerning Pet/CT. After some discussion, Ms. Bellomy made a motion to have copies of all Pet/CT information forwarded to the Board members to discuss at the next meeting. Ms. Belmont seconded the motion. Motion carried.

Election of Officers: Mr. Bowyer informed the Board that Mr. Wilcox had stated he would not run again for Chairman. Mr. Bowyer asked for nominations for Chairperson. Ms. Belmont nominated Ms. Bellomy, who declined the nomination for personal reasons. Ms. Bellomy nominated Ms. Belmont who declined the nomination. Ms. Browning nominated Dr. Moore. Ms. Bellomy seconded the nomination. Ms. Bellomy made a motion that the nominations be closed. Ms. Belmont seconded. Dr. Moore agreed to serve and was elected Chairperson. Mr. Bowyer asked for nominations for Secretary. Ms. Belmont nominated Ms. Bellomy. Ms. Browning seconded the nomination. Ms. Belmont moved the nominations be closed. Ms. Peters seconded. Ms. Bellomy accepted the position by acclamation.

The September meeting will be held at Elkview on the 16th at 5 P.M.

The meeting adjourned at 6:25

Minutes submitted by Carol Blosser, Administrative Secretary

WV RT Board of Examiners

From: WV RT Board of Examiners [wvrtboe@charter.net]
 Sent: Friday, July 02, 2004 12:50 PM
 To: 'Grady M. Bowyer'
 Subject: Financial Information

Grady,

Just to give you a little comparison.

2003		2004
\$135,506.99	Disbursements	\$131,620.47
121,185.00	Deposits	120,175.00
14,321.99	Difference	11,445.47

We have taken in less in deposits for the year, we have spent less in disbursements for the year, and we had \$2,876.52 less in overall loss for the year then we did last year. That's with everything going up. That's not to bad, and I will present this comparison to the Board at the next Board meeting.

Carol

2003 2003		2004
135,506.99	Disb.	131,620.47
121,185.00	deposits	120,175.00
14,321.99	total lost	11,445.47
spent 2,876.52 less then the year before		

7/2/2004