

FACTS & ARTIFACTS 2023

Saskatchewan Cardiology Technologists Association



SCTA 2023 AGM

May 6, 2023

Location: Regina, SK

More details to come



Social gathering to follow!



SCTA Mission Statement

The mission of the Saskatchewan Cardiology Technologist Association (SCTA) is to provide current and on going continuing education for members and students, and to act as a liaison between Cardiology Technologists and our governing body, the Canadian Society of Cardiology Technologists (CSCT). Through the CSCT, the SCTA is affiliated with the Canadian Cardiovascular Society (CCS). The SCTA is a non-profit organization established to raise the standard of practice, level of competence, and the quality of patient care provided by Cardiology Technologists in Saskatchewan. A self governing body, the SCTA admits and revokes membership in the Society and encourages all members to maintain Education units CEU's system.

SCTA EXECUTIVE MEMBERS

President - Oksana Czaikowski
Vice President - Alisha Sanderson
Director - Lauren Baldwin
Registrar - Carla Hill
Treasurer - Patty Budnick
PEC - Evan Chen
Secretary - Tchissola Gonclaves Sebastiao
Director at Large - Elisa Carlson



PRESIDENT'S REPORT

Dear SCTA members,

Happy New Year! Wishing you a happy, healthy year. May the New Year bless you with health, wealth, and happiness.

I am, once again, very grateful to be able to continue on as the SCTA President. We had a busy last year and am very proud of the work the SCTA Executive has put in for its members. Over the past year we had some movement of positions within the Executive. At the 2022 CSCT AGM in Ottawa, ON our previous SK Director, April Forrest, was voted into the CSCT Executive as their Treasurer. Congratulations April and I wish you all the best on your future endeavors with the CSCT, they are very fortunate to have you. Additionally, Due to April's leave, Lauren Baldwin was voted in by the Executive to fill her position temporarily until the upcoming SCTA AGM. So far, Lauren has done a great job rolling right into her new position. Lastly, we also welcomed Elisa Carlson to our Executive as a Director at Large. It has been wonderful having input from a member from the Southern and rural part of the province. I am excited to continue to work closely with the SCTA Executive to best serve our members. I am very fortunate to have this group working alongside me. Their dedication to the Executive, and to our profession does not go unnoticed.

At this time I would like to formally announce our Annual AGM and Education Sessions. This will be held on May 6, 2023 in Regina, SK at the Regina General Hospital. More details to come, however, we are so excited to have the Regina group host. This year some Executive positions will be up for renewal, more details will be emailed soon.

I am looking forward to seeing as many members attend the Education Sessions and AGM as possible. As per previous years, we invite all members to join us in a social gathering at a local restaurant after the AGM. This is a great opportunity for our members to socialize and network.

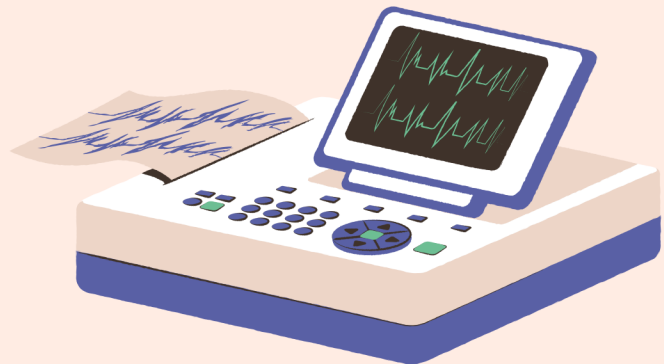
As many of you know on January 1, 2023 the CSCT announced the new CEU Guidelines and Standards. Undoubtedly, this will be a learning curve for all, however, I think this is an excellent move in the right direction for the profession of Cardiology Technology across Canada. I believe having strict CEU Standards helps strengthen our specialty and promotes relevant regular education which inevitably results in superior professionals. Due to the ever changing world of Canadian Health Care, the world of Cardiology Technology is, also, inevitably going to change. As Cardiology Technologists we have to be prepared to adapt to upcoming newer technologies and be able to be ready to offer our supportive skills. We are all smart and educated people, however, I believe we need to continue to upkeep our standards and keep on learning to maintain our high quality of service. As you all know, we are a very unique and niche profession with so much to offer, but if we do not continue to effectively educate ourselves I worry that changes in the system may be made not in our favor. I am very grateful that the CSCT has taken the responsibility of CEU management upon themselves. I think this change will immensely benefit our members. I would like to remind members that this CSCT change was not intended to work against members. The new standards are not that different than what they previously were. Previously, there was still a fee for CEU delinquency as well as the same amount of CEUs needed per year (30 per 3 year triennium = 10 CEUs per year). I encourage all members to please try to focus on the positives of this change rather than the negatives. If you happen to come across education materials please feel free to share them on our Facebook page that we can all use for CEU submissions.

Along the topic of CSCT announcements, I would like to congratulate all members and sites that participated in the first ever Cardiology Technologist Week! This was a great celebration for our profession which was celebrated all across the province. It was great to see everyone come together with a common goal. I am already looking forward to next year's celebrations!

Furthermore, CCC 2023 is to take place in Montreal, QC from October 25, 2023 - October 29, 2023. As in previous years the SCTA would like to fund a member to be able to attend. As announced at last year's AGM the SCTA is revamping the \$1500 draw criteria, please stay tuned for that update soon.

To conclude, I look forward to this upcoming year for SCTA as well as to continue to be a Cardiology Technologist. After many years as a tech, I continue to believe we have the coolest job and are so lucky to have a career that allows us so much room for growth. As always, I encourage all of you to find the passion in what you do and reflect that in your day to day work. The system can be a hard thing to cooperate with, however, we have to remember that there is so much more to our job than just being an employee. We play a very key role in the health care system and we need to continue to advocate for our patients so they receive the best possible care that they deserve.

Respectfully submitted,
Oksana Czaikowski, RCT
SCTA President



REGISTRAR'S REPORT

Active members: 93

Inactive: 6

Student: 9

CSCT Life: 2

Total: 110



Respectfully submitted,
Carla Hill, RCT

TREASURER'S REPORT

The SCTA bank account balance as of **Dec 31/22 is \$70,260.79.**

The SCTA balance sheet, financial statement, and Director list for 2022 will be submitted to the Saskatchewan Corporate Registry once they are reviewed by two SCTA members in good standing. The deadline for filing these submissions is May 31, 2023

Respectively submitted
Patty Budnick, RCT
SCTA Treasurer

NORTHERN EDUCATION FUND REPORT

Northern Education Fund Balance as of Dec 31, 2022.

Over the past year, the Northern Education Fund was able to provide many members with the opportunity to further their cardiac knowledge through classes and participation in the 2022 CCC. Although we provided over \$2000 to members, we still managed to have a gain of \$429.62 this year. We are currently sitting at \$6,177.99 in the Northern Education Fund.

Tracy Boyko, RCT

Summary of Transactions		
<u>2021 year-end balance</u>		\$5,748.37
	Deposits	+ \$2,825.12
	Withdrawals	- \$2,395.50
<u>2022 year-end balance</u>		\$6,177.99
Change of:		+ <u>\$429.62</u>

SOUTHERN EDUCATION FUND REPORT

South Saskatchewan Education Fund - Summary of Transactions		
2021 year-end balance		\$3650.70
	Deposits	\$0
	Withdrawals	\$23.40 *monthly account fee
2022 year-end balance		\$3627.30

Kristin Mitchell
Treasurer, Southern Sask Education Fund

PROVINCIAL EDUCATION COORDINATOR'S REPORT

Hello all members, and students!

A (literally) warm welcome to 2023!

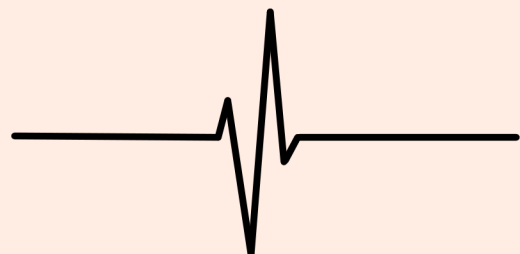
I'd like to take this moment to recognize all the hard work that fellow cardio techs and educators have put into being an integral part of the student learning experience throughout our province!

Many of you have met some of the current cohort, and may soon greet them not only as students, but as colleagues as well. I would like to encourage all students to continue to continue sharing your experiences during your clinicals, and to take the opportunity to experience as much of this great profession as you can!

Currently, we have 9 student members in Saskatchewan.

This year's CSCT Exam will be held on May 1st and 2nd, for those who have registered, and it will continue in an online format proctored through the Meazure Exam Platform.

Respectfully submitted,
 Evan Chen, RCT
 Saskatchewan Provincial Education Coordinator



SCTA DIRECTOR'S REPORT

Hello Members,

My name is Lauren Baldwin and most of you know me from being the CEU Coordinator. I am super excited to take on the new endeavor as Saskatchewan Director and look forward to the challenges that come along with the job. I hope that everyone is doing well and continues to be safe and healthy. The CSCT was able to meet in person, for the 2022 AGM in Ottawa and in Vancouver for board meetings in February 2023.

We are excited to announce a trial hybrid formation for the 2023 AGM, which will be hosted in Montreal on October 29, 2023. This means that it will be held both virtually and in person. In order to receive 2.5 CEUs when attending virtually a proxy form must be submitted. The education day is scheduled for October 27, 2023.

As most members are already aware, starting January 1, 2023 the CSCT decided to move away from a triennium for CEUs and implemented a new CEU process. This process requires members to submit 10 CEUs every year by December 31st. A CSCT CEU committee is now responsible for the maintenance of CEUs. The committee consists of 10 members in good standing, there are representatives from all provinces, a committee chairperson and the CSCT Education Director. Our own April Forrest is the committee chairperson and I am also the representative for Saskatchewan.

With this change it is important to make yourself aware of the changes to the CEU standards, as well as all the new submission process. All of this information can be found on the SCTA website, as well as the CSCT website. If you have any questions in regards to this do not be afraid to reach out to April or myself.

The CSCT will continue to fund our provincial website through WildApricot for another 2 years. This totals over \$20,000 Canada wide.

For our first ever Cardiology Technologist Week the CSCT provided lanyard clips for all members in good standing. They have been mailed out to all members! If you have not received yours please email me at director-sk@csct.ca.

Regards,

Lauren Baldwin
CSCT SK Provincial Director



CEU COORDINATOR'S REPORT

Hello Members,

I wanted to first start out by saying Thank you very much for the smooth ending of the triennium. I know there were a lot of changes with the new website and you all made it very easy for me to process your submissions.

As many of you are aware, the CSCT board of directors has decided to take over the responsibility of the processing and verification of CEU submissions. This is no longer a provincial responsibility, therefore any questions regarding CEUs will need to be addressed to the CSCT. As of January 1, 2023 we moved away from a triennium and implemented a new CEU process where members will be required to submit 10 CEUs every year by December 31. If you have any questions in regards to these changes please go to the CSCT website or email ceuccommittee@csct.ca.

The SCTA website has also updated the CEU portion of the website with directions on how to submit and forms needed. Please also see the "What's new with CEUs" section in Facts and Artifacts as well as Facebook for more information.

Respectfully submitted,

Lauren Baldwin, RCT
SCTA CEU Coordinator



WHAT'S NEW WITH CEUS?

As many of you are aware, the CSCT board of directors has decided to take over the responsibility of the processing and verification of CEU submissions. This is no longer a provincial responsibility, therefore any questions regarding CEUs will need to be addressed to the CSCT.

What are CEUs?

Continuing Education Units are credits earned to verify that each member is staying up to date on current research, education and technology related to cardiology and cardiovascular care. This is vital to our profession with ever changing processes and new technologies. Keeping current helps us, as RCTs, ensure we stay relevant within the healthcare field, stay up to date on knowledge and take pride in our work. Most importantly they help us to continue to provide the best patient care possible.

Where can I see the new CEU guidelines and what is each one worth?

The CSCT has updated the current CEU guidelines and predetermination of each. You can find their new guidelines here:

<https://csct.ca/resources/Documents/CEU%20Standards%202023.pdf>

What is the process for uploading CEUs? How do I keep track?

CEUs must be uploaded on the SCTA website, under your membership profile. You will need to can keep track of your CEUs throughout the year on this form and submit with documentation:

<https://csct.ca/resources/Documents/CSCT%20CEU%20Form.pdf>

**This form can also be found on the SCTA website under the CEUs tab.

If you are a preceptor, CSCT or provincial board member or sitting on a committee additional forms can be found on both the SCTA and CSCT website.

Be sure to have completed and submitted 10 CEUs by December 31, 2023.

Any additional questions?

Please ensure to review all information provided from the CSCT about the changes here: <https://csct.ca/New-CEU-Process>

Not in Good Standing from last triennium and have questions? Email your CEU coordinator at sctaceucoord@gmail.com

If you have any other questions not found on the CSCT website, please reach out to: ceucommittee@csct.ca.

WHAT'S NEW WITH CEUS?

HOW TO Upload CEUs

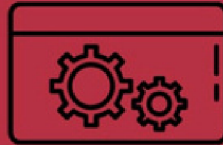


01 DOWNLOAD FORMS FOR SUBMISSION

Go to www.csct.ca to find the appropriate forms for your submission.

02 SIGN IN TO YOUR PROFILE

Go to your provincial website to log in to your personal profile.



03 GO TO "EDIT PROFILE"

Click your name on the top right of the page

Click "view profile"

Click the blue "edit profile" button

04 UPLOAD YOUR COMPLETED CEU FORMS

Scroll down the page to find CEU Form, with a "choose files" button next to it

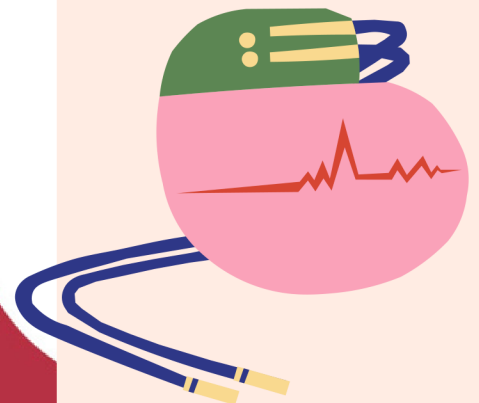
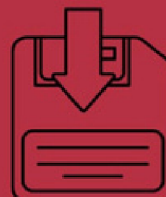


05 UPLOAD ANY OTHER SUPPORTING DOCUMENTS

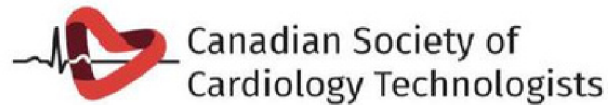
These documents can be attached using the second "choose files" button.

06 CLICK "SAVE"

You're done! The CEU committee will review your submissions and update your profile.



CEU GUIDELINES



Canadian Society of
Cardiology Technologists

CSCT Continuing Education Units (CEU) Standards

Effective January 1, 2023

Section 1: Academic Training – Pertaining to CSCT and accredited Cardiology Technology programs

1a	Successfully completing the CSCT Certification Exam	10 CEUs
1b	Successfully completing other cardiac related exams (ie. IBHRE, ARDMS, CARDUP, CVT, etc.)	5 CEUs
1c	Formal education/courses from an accredited program ⁶	5 CEUs per course/1 course per year

Section 2: Continuing Education & Training – Pertaining to attendance of cardiac conferences, seminars, workshops and lectures, supplementary education, research and presentations.

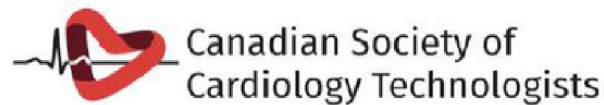
2a	Publishing a cardiology paper/research project	Primary author 10 CEUs Co-author 5 CEUs
2b	Clinical preceptor 1 – Cardiology Technology Program ⁷	1 CEU per 7.5 hours/max 5 per year
2c	Clinical preceptor 2 – Other allied health students ⁷	.5 CEUs per 7.5 hours/max 5 per year
2d	Learning Opportunities – Conferences, Seminars, Webinars, Inservices, Videos, Internet studies, Articles and Journals, CCC, Provincial Education Day, Cardiology Rounds ⁸	1 CEU per hour with supporting documents.
2e	Public Education Event – planning/participating	1 CEU per hour/max 5 per year
2f	Teaching ⁹	1 CEU per hour/max 5 per year

Section 3: Professional Services – Pertaining to national and provincial board committee membership, participation, attendance and representation in all aspects.

3a	CSCT & Provincial BOD membership/meetings	1 CEU per hour/max 5 per year
3b	CSCT/Provincial Ad Hoc Committee chair/member	2 CEUs per committee
3c	Attendance of CSCT/Provincial AGM	2.5 CEUs per AGM
3d	CSCT BOD approved surveys/projects/NOCP surveys	Up to 5 CEUs per survey
3e	Submission for provincial/national newsletter	2 CEUs

***Please see second page for clarification**

CEU GUIDELINES



CEU Standards Guidelines

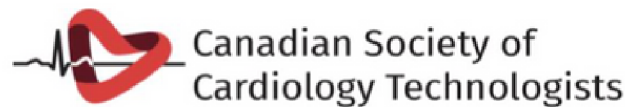
1. On January 1st of each year, all CSCT members are required to have 10 CEUs uploaded to their member profile.
2. Members will be audited by the CSCT CEU committee to ensure they are in good standing.
3. Only CEUs accumulated and submitted during the current year will be accepted. No carry over of CEUs is allowed.
4. Documentation must accompany all CEU submissions. Members are responsible for keeping originals of all documentation in case of a discrepancy.
5. Every submission must be cardiology related and not a requirement of your employment.
6. Formal classes must be from an accredited program and cardiology related.
7. Preceptors must be for an accredited program.
8. Learning Opportunities (2d) must include a certificate of attendance or a written summary that is 300-500 words, outlining what was learned.
9. CEUs for teaching (2F) will not be granted if you are being paid as an instructor from an educational institute. They must be accumulated for teaching/instructing a group of 3 or more, during working hours or volunteering after hours.

Appendix

- CCC – Canadian Cardiovascular Congress
- IBHRE – International Board of Heart Rhythm Examiner
- ARDMS – American Registry for Diagnostic Medical Sonography
- CARDUP – Canadian Association of Registered Diagnostic Ultrasound Professionals
- CVT – Cardiovascular Technology

*****Members who have not completed and uploaded the required 10 CEUs before the end of each year will be deemed "Not in Good Standing". They will be fined \$50 and required to fulfill the CEU requirements as per the CSCT Reinstatement Policy**

CSCT REINSTATEMENT POLICY



CSCT Reinstatement Policy **Effective January 1, 2023**

A Member “Not in Good Standing” is a Registered Member (except a Life member) who has lapsed in one or both of the following:

1. Annual dues and / or any applicable fees
2. The required 10 CEUs per year

A Member “Not in Good Standing” applying for reinstatement must complete the requirements as outlined below:

In order to apply for reinstatement, please contact your Provincial Association in order to ensure eligibility PRIOR to paying any back dues and/or fees.

Years of Not in Good Standing	Admin fee for Lapsed Membership Dues (to stay in province)	Fine for CEU Noncompliance (Paid to CSCT)	CEUs to be submitted	Additional requirements:
End of one year	<ul style="list-style-type: none"> • See Provincial Policies 	\$50	10	<ul style="list-style-type: none"> • Pay all membership back dues and applicable fees at current rate • Submit all delinquent CEUs • Confirmation of membership status from CSCT registrar • Provide required documentation eg. legal, medical or other as applicable
End of two consecutive years		\$100	20	
End of three consecutive years		\$150	30	
End of four consecutive years		\$200	40	
End of five consecutive years		\$250	50	
End of six consecutive years or more	<ul style="list-style-type: none"> • Pay all membership back dues and applicable fees at current rate • Confirmation of membership status from CSCT registrar • Provide required documentation (eg. legal, medical or other as applicable) • Challenge and pass the CSCT Certification exam WITHIN the first 4 available consecutive sittings • <i>In the event of failing to pass the CSCT certification exam within the allowed time frame, the member must graduate from a recognised Cardiology Program and then challenge and pass the exam as a new student.</i> 			

Note: If considered eligible to write the CSCT Certification exam, the member must apply to write the **designated** exam sitting. Failure to apply will be counted toward the total allotted attempts (4)

CODE OF ETHICS



SCTA "CODE OF ETHICS"

1. **T**o keep the needs and welfare of the patient of first importance.
2. **T**o co-operate with and assist the Doctor to best of my ability.
3. **T**o co-operate with fellow workers and in no-way undermine their good name.
4. **T**o hold sacred any confidence entrusted to me by the Doctor or patient.
5. **T**o refrain from gossip of any nature.
6. **T**o keep myself worthy of the trust of the Doctor, the patient and my fellow workers.
7. **T**o uphold the honour and prestige of the Cardiology Technologists Association by my conduct.

Modelled after Cross-stich picture at St. Paul's Hospital (Saskatoon, SK) by S. Dell 1992.

TECH CORNER

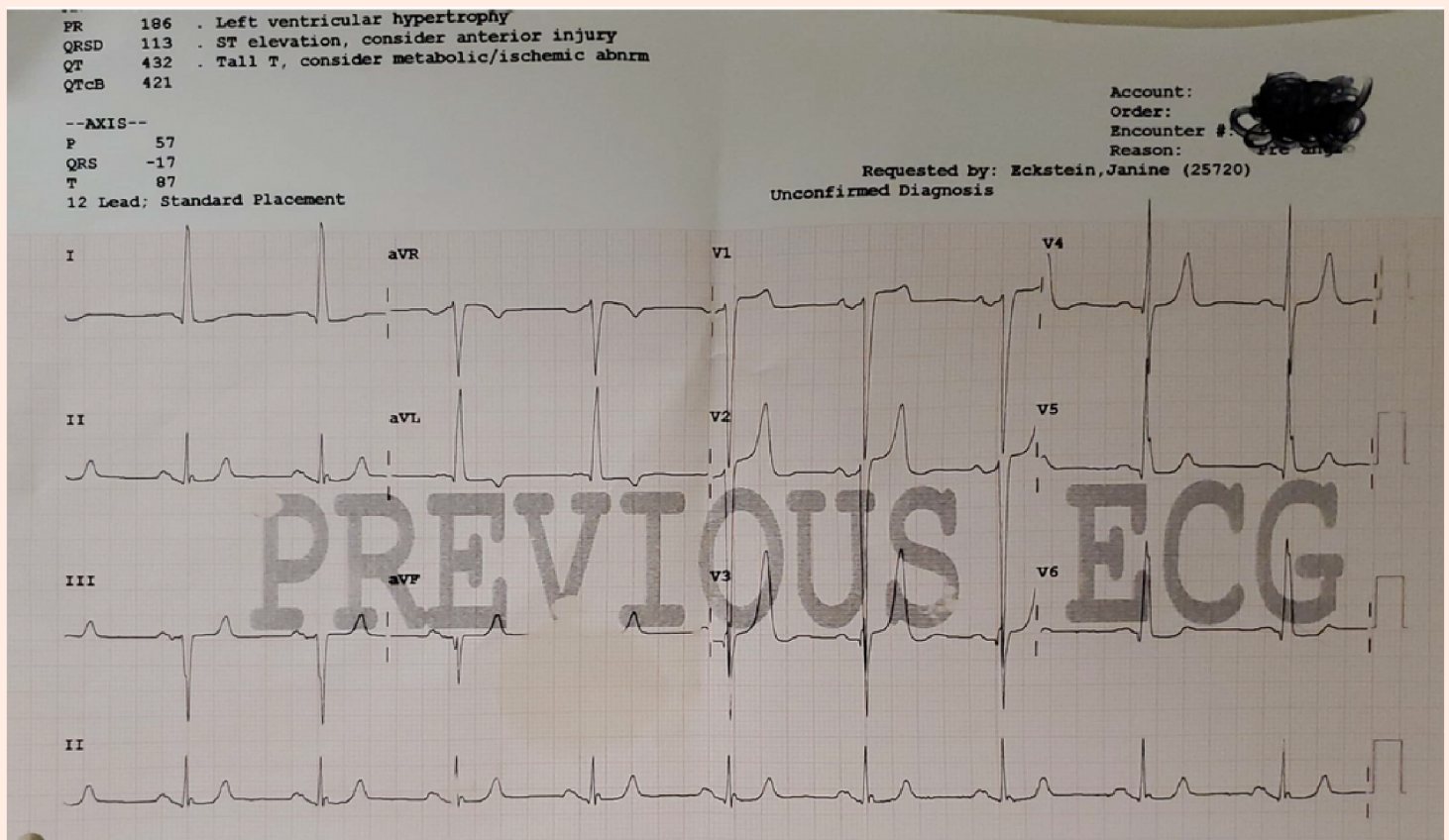


Chemical Ablation to Alleviate Severe Hypertrophy

I encountered a patient case where the patients hypertrophy symptoms had become so severe that it was impeding quality of life, the doctor that treated her condition performed a chemical ablation to the interior portion of her heart. They poured an alcohol solution into the patients heart through a catheter to kill off the excessive amount of tissue, the ECG showed what looked like a massive MI.

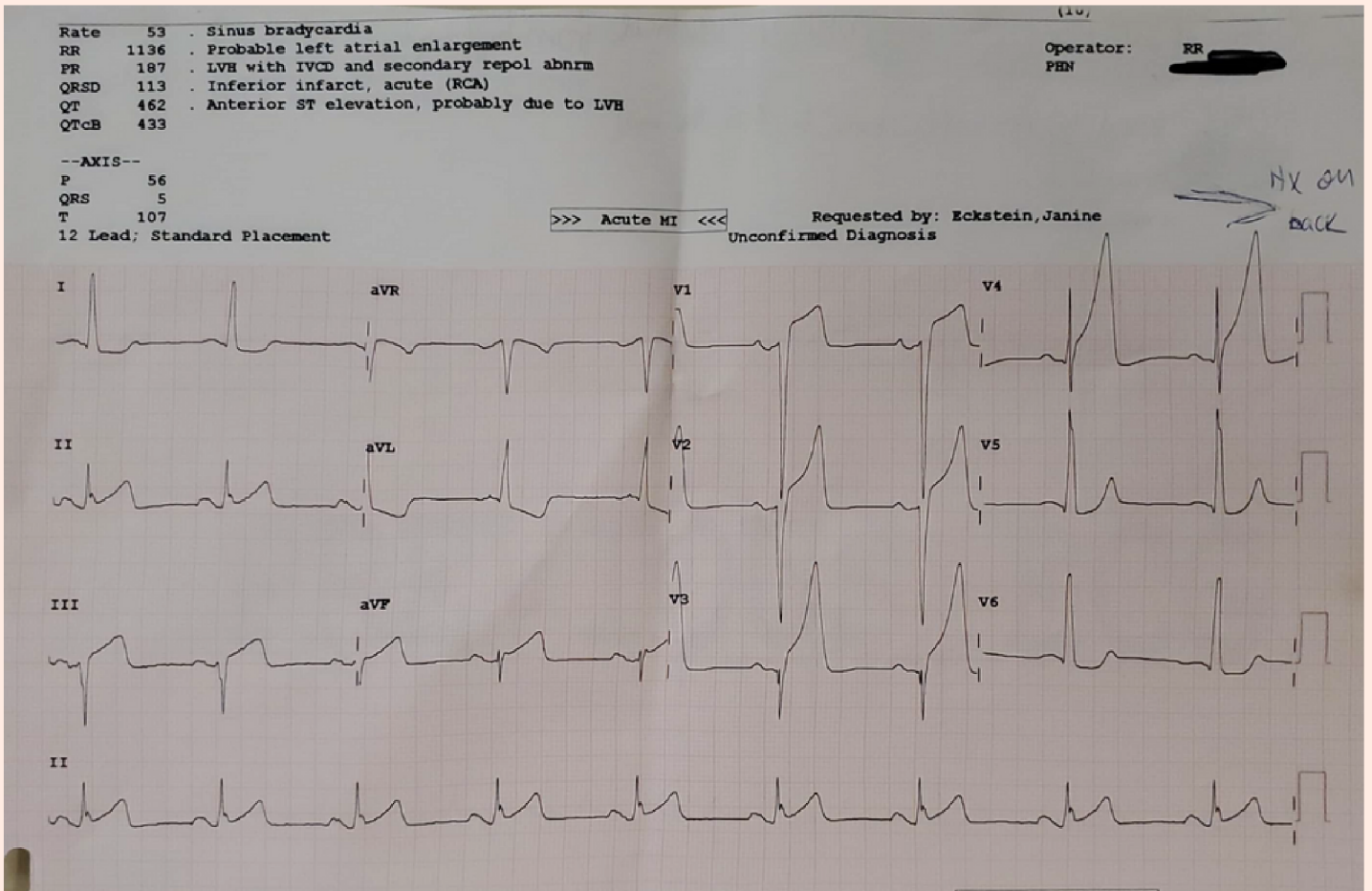
Clinically it is not an ecg pattern of a blocked artery STEMI however instead it is an stemi pattern based on induced tissue death.

Submitted by,
Robyn Rollack, RCT

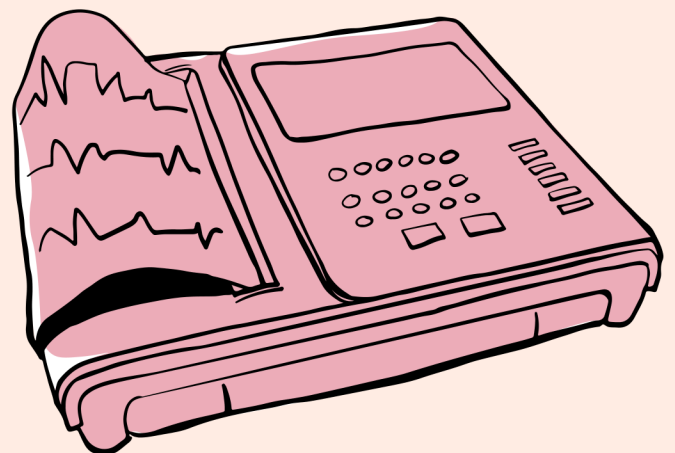


ECG pre procedure

TECH CORNER



ECG post procedure



TECH CORNER

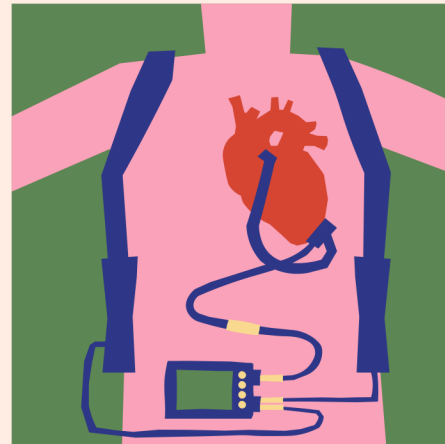
Heart Transplant in Canada

The following information was presented by Dr. Priya Koilpillai, MD FRCPC at the Canadian Cardiovascular Congress 2022.

- Heart transplant demand exceeds the supply of available organs in Canada.
- Approximately 750,000 Canadians are living with heart failure nation wide.
- Over 100,000 people are diagnosed with heart failure annually.
- In 2021, 142 heart transplants were completed, 135 people are on the waiting list, and 12 people died while waiting for a transplant.
- Someone with a transplanted heart lives on average 10 years post-op.
- Most common indication for being listed for a heart transplant is end stage heart failure.
- Other indications include, refractory life-threatening arrhythmias, refractory angina, and complex congenital disease.

Contraindications include:

- o age > 70yr
- o BMI
- o pulmonary hypertension
- o peripheral vascular disease
- o diabetes
- o renal dysfunction
- o frailty
- o malignancy
- o HIV infection
- o Social barriers such as tobacco smoking, substance use, vaping, and psychosocial considerations
- o repeated medical noncompliance
- o geographic barriers preventing client from accessing post-op care



Many of these contraindications are not absolute and are considered by the transplant team on an individual basis.

Transplant sites are found in Vancouver, Edmonton, Toronto, Montreal, Ottawa, and Halifax.

What can you do?

Become an organ donor by visiting Givelifesask.ca.

Submitted by,
Alyssa Clark, RCT

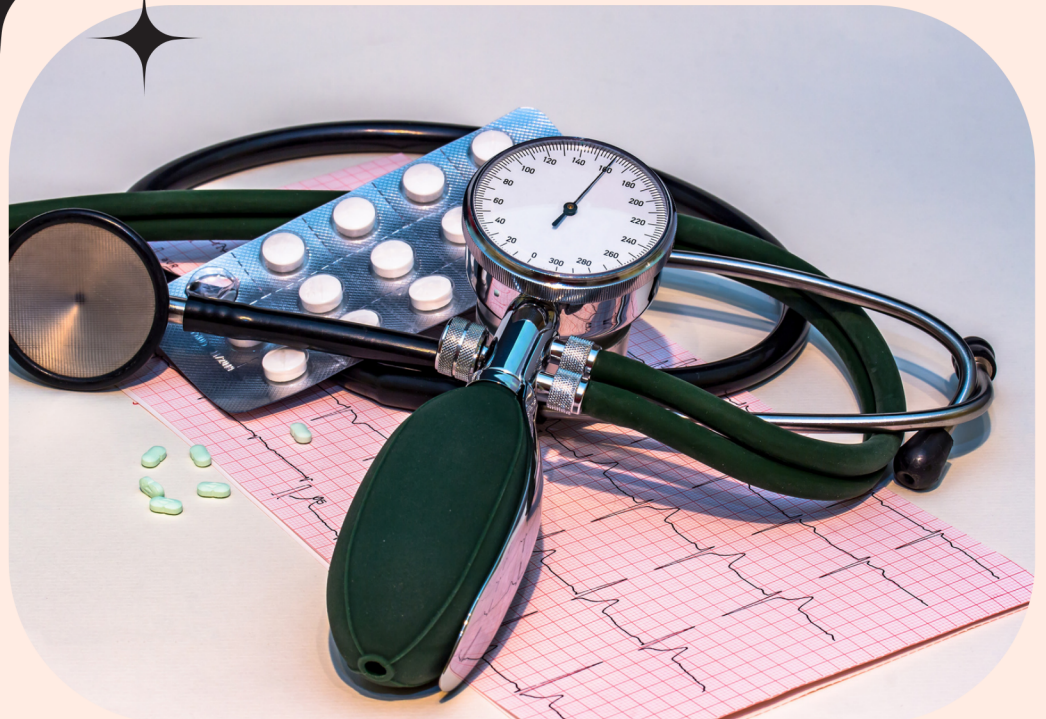
IOLA WHITNEY AWARD

It has been a few years since the Iola Whitney Award has been handed out. The SCTA Executive would like to re-instill this lost tradition. Moving forward this award will be handed out at each AGM for the previous year.

The Iola Whitney Award is given to a Saskatchewan Member who received the highest mark on the CSCT registration exam (must be >80%).

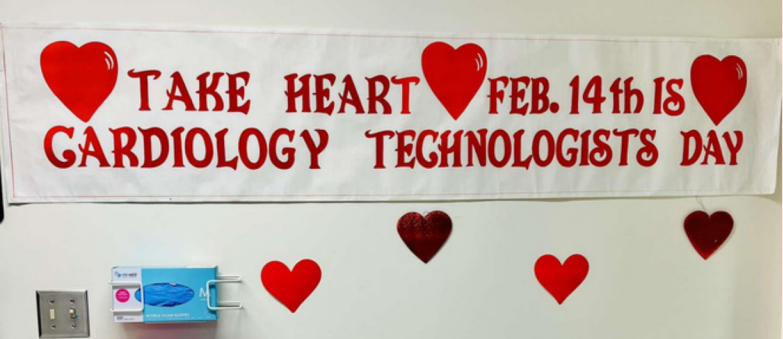
Iola Whitney was a Swift Current tech who was very active in the SCTA. She passed away in 1976 and her family donated funds to the SCTA to start the Iola Whitney Award.

This past year's winner was **Bailey Hoiness from Saskatoon, SK.** Congratulations!



CARDIOLOGY TECHNOLOGIST WEEK 2023

Regina, SK



CARDIOLOGY TECHNOLOGIST WEEK 2023

Saskatoon, SK

Thank you to everyone who participated in our first ever Cardiology Technology week long celebration. Also a big thank you to the SCTA Executive for your donations to help make this week possible. It was a wonderful week filled with education from Dr. Shah, Dr. Pekrul and Crystal from the Device Clinic. Congratulations to Susan, our spirit winner!

Crystal and myself are thrilled to announce that the raffle was a huge success. With the money raised we would love to continue to carry on celebrating our profession. We have decided to start a "spirit"/education committee. It is our goal provide more education throughout the year as well as keep up the spirit with fun games and prizes. We spend more than half our life working, we might as well try and enjoy it.

So stay tuned for fun things to come.

Submitted by,
Samantha Painchaud RCT, CCDS



Susan Marquis
2023 Cardiology Tech Day Sprit Award Winner



Casey K RN Cardiology
Money Tree Raffel Winner

CARDIOLOGY TECHNOLOGIST WEEK 2023

Saskatoon, SK



Tenille Dawson & Tami Forrest after completing Standard Bruce ETT Protocol



Kim Wilson showing her spirit!



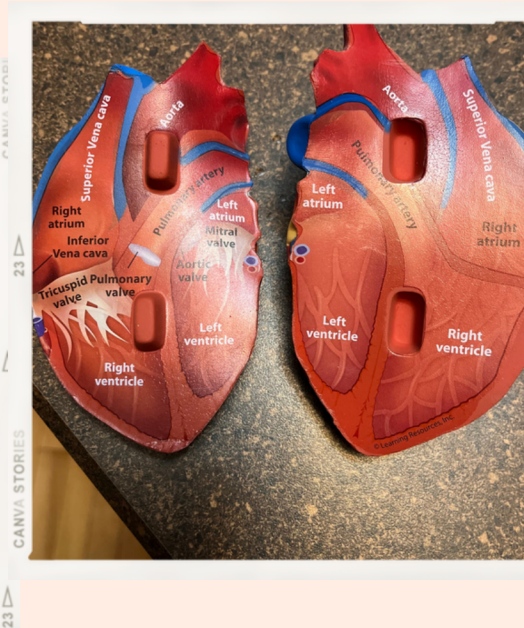
Cardiology Techs all Dressed Up

CARDIOLOGY TECHNOLOGIST WEEK 2023

Saskatoon, SK

I had a lot of fun explaining to staff and patients how the heart works and how the blood works with the heart. It was a great week with a cross word puzzle and popcorn snack!

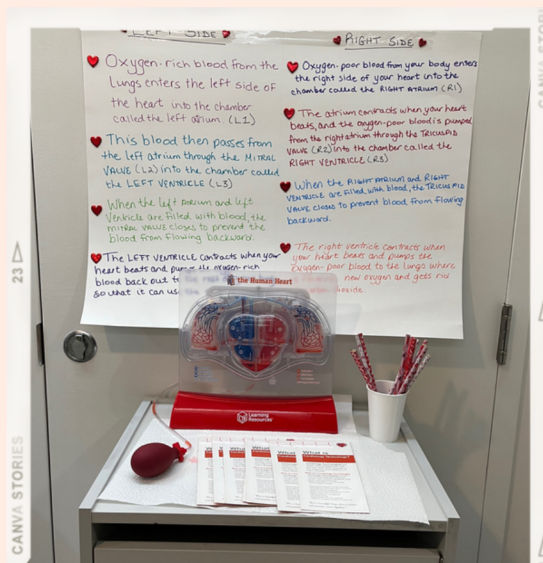
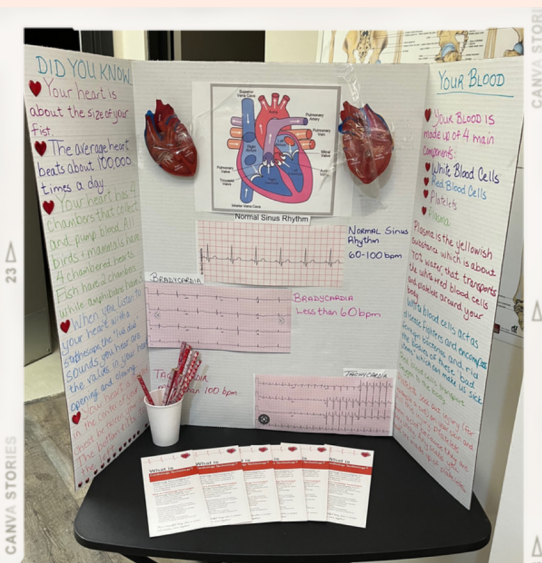
Sandy Turner CLXT/ARCT



Actual size heart for patients and staff to check out.



Displays made showing the blood flow through the heart. What blood is oxygenated vs deoxygenated and how it flows through the heart. Kids had fun playing with this display and were interested in how the blood replenishes it's oxygen in the lungs and pumps through the body. Also, a normal, Bradycardic and tachycardic ecg.



A sample of what our blood looks like. The red beads are red blood cells, the white buttons are the white blood cells, and the rice are our platelets...all floating around in our plasma!

CARDIOLOGY TECHNOLOGIST WEEK 2023

Yorkton, SK

For the first ever week celebrating Cardiology Technologist we in Yorkton decided to do more than just hang posters. We decided to hand out candies, Covid appropriate of course, along with handouts on our profession to various wards of the Yorkton Regional Health Centre. As we dropped off the goodies we were often told "Oh, we should be giving you treats not the other way around!" along with the surprise was many thank you.

For the laboratory, where we are based, we decided to not only bring treats but to also have a word search for everyone to do in the break room. Both were a hit!

Elisa Carlson, Naomi Cawley and Pratima Manandhar

