



# **2025 ONCOFERTILITY CONSORTIUM CONFERENCE** October 13-15, 2025

The Westin Book Cadillac | Detroit, MI, USA

Hosted by



#### WELCOME TO THE 2025 ONCOFERTILITY CONSORTIUM CONFERENCE

Dear Conference Attendees.

On behalf of the Oncofertility Consortium, we are thrilled to extend a warm welcome to all of you for the 17th Annual Conference, titled "Bridging Cancer Care and Parenthood: Innovations for Healthy Live Births in Oncofertility." Thank you to Henry Ford Health + Michigan State University Health Sciences for graciously hosting this conference at the Westin Book Cadillac Hotel. Thank you also to Dr. Richard Leach, chair of Women's Health Services, for his support of this year's Oncofertility Consortium conference. Last year's conference in Detroit was a tremendous success, and we look forward to reuniting with you all.

In times of extraordinary change within reproductive healthcare and academia, we are excited to reunite as a community. This year, as with all years, we find clarity in focusing on improving the experience of our patients. We are thrilled to add a significant component of patient perspective this year, thanks to the generosity and planning of Megan and Mike Scherer at Worth the Wait Charity. We wish to extend tremendous thanks to our courageous patients who will share their oncofertility stories at the conference. This year's conference will feature an exceptional lineup of speakers, including many of the foremost leaders in our field. The planning team reviewed the topics discussed in years past and identified some key areas of interest to discuss this year, including: guideline updates, legal challenges, reproductive ethics, cancer genetics, and optimization of pregnancy outcomes. The fresh perspectives at this year's conference will contribute greatly to the overall success of the event and we look forward to the dialogue that ensues.

We would like to express our deepest gratitude to the dedicated scientific program committee (Frédéric Amant, Shu Foong, Kathleen Hwang, Anthony Kayiira, Dana Kimelman, Rod Mitchell, Megan Scherer, Kyle Stimpert, Irene Su, Susan Vadaparampil and Denis Vaughan) whose efforts have made this conference possible, from the selection of speakers to reviewing the excellent abstract submissions. We are also eternally grateful to the team behind the scenes from Michigan State University (Jenna French, Mahmoud Salama, Sakiya Duncan, Amanda Ishola) and Henry Ford (Suzanne Schut, Tina Miller, Mark Jones). Their commitment to excellence and attention to detail have ensured that every aspect of the event has been meticulously organized and helped ensure that CME credits could be offered this year to participants. Thank you also to the individual committee leaders who provided input and expertise throughout our planning. We would also like to extend our heartfelt appreciation to our event sponsors. Their generous support has played a crucial role in making this conference a reality. Their commitment to advancing the field of Oncofertility and their belief in the importance of collaborative research and knowledge sharing are truly commendable.

Lastly, thanks most of all to you for coming to this conference. We know that the past year has been one of great upheaval for many of us. We hope that you find nourishment in all that Detroit, and its current renaissance has to offer. If good food fuels your soul, many award-winning restaurants are within walking distance. If you love music, you'll feel at home at the Motown Museum. If art revives you, visit the Detroit Institute of Arts. If you are a fan of history, look no further. The Cadillac Hotel has hosted the likes of Teddy Roosevelt, FDR, JFK, Martin Luther King Jr. Katherine Hepburn, Elvis Presley, and Babe Ruth. On May 2nd, 1939, Lou Gehrig, of the visiting New York Yankees, collapsed on the steps of the hotel's grand staircase, the first public sign of his eventual diagnosis of ALS or "Lou Gehrig's Disease." Two months later, Mr. Gehrig, uplifted by the support of his own community, courageously announced that he felt like "the luckiest man on the face of the earth," despite facing terminal illness. In times of trouble, we all turn to one another to feel hopeful. As you absorb the local history, you'll appreciate that the spirit of Detroit remains a source of light for many. We hope you leave the conference feeling uplifted and ready to positively affect the future.

Thank you so much for joining us,

Joe Letourneau, MD
Assistant Clinical Professor
Department of OBGYN
Division of Reproductive Endocrinology and Infertility
Co-Director, University of Utah Oncofertility Program

Leslie C. Appiah, MD, FACOG Professor of Obstetrics and Gynecology Chair, Department of Obstetrics and Gynecology Executive Director, Center for Women's Health Research Meharry Medical College

# 2025 ONCOFERTILITY CONSORTIUM CONFERENCE AGENDA OVERVIEW

Time EDT	Day Mon., Oct.		Day 2 Tue., Oct. 14, 2025	Day 3 Wed., Oct. 15, 2025
7:00 am – 8:00 am	REGISTRATION	& BREAKFAST	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST
8:00 am – 12:00 pm	Oncofertility Scientific Committees Meetings (Non-CME)	Oncofertility 101 Course (CME)	Main Program (CME)	Main Program (CME)
12:00 pm – 1:00 pm	LUN	CH	LUNCH	
1:00 pm – 5:00 pm	Main Program (CME)		Main Program (CME)	CONFERENCE ADJOURNS
5:00 pm - 6:15 pm	Writing Workshop (CME)		Reception & Posters	AT 12:15 P.M.
6:15 pm- 7:00 pm	DAY CONCLUDE	S AT 6:15 P.M.	(Non-CME)	

### CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

The Main Program, Oncofertility 101 Course and Writing Workshop are eligible for 20.5 CME Credits.

ACCREDITATION STATEMENT: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint provider ship of Henry Ford Health, MSU Health Sciences, and the Oncofertility Consortium. Henry Ford Health is accredited by the ACCME to provide continuing medical education for physicians.

**DESIGNATION STATEMENT:** Henry Ford Health designates this live course for a maximum of 20.5 AMA PRA Category 1 Credit(s) TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity. "Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn:

- up to 20.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program; and
- up to 20.5 credit toward the CME requirement(s) of the American Board of Surgery's (ABS) Continuous Certification program.

It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM or ABS MOC credit. There is a 30-day post-event evaluation completion deadline to receive your CME/MOC credits." After completing the evaluation click the Claim MOC button to finalize the submission & then ensure your CloudCME profile reflects the following required details so we can correctly transmit your credits:

- Click Yes to Claiming MOC & enter your Birth Month & Birth Day
- Then select the MOC Board & Enter your Diplomate ID (for ABIM) or Learner ID (for ABS)
- Enter your License & NPI # (if applicable)
- You must have the option selected at the bottom of your profile to provide permission for us to share & transmit your CME/MOC data to ACCME

**FACULTY/PLANNING COMMITTEE DISCLOSURE STATEMENT:** In compliance with the ACCME Standards for Integrity, all individuals in control of educational content of this activity are required to disclose all financial interests of their own with any ACCME defined ineligible companies for the past 24 months and/or non-FDA approved use of a drug or a device that is included in the presentation. All relevant financial relationships have been mitigated prior to the commencement of the activity.

ACCESSIBILITY STATEMENT: Henry Ford Health provides qualified interpreters and other aids for Deaf, DeafBlind, and Hard-of-Hearing persons at no cost. To request assistance, contact the CME Specialist: Tina Miller at cmille26@hfhs.org. Please allow a minimum of 3 days to process this request.





### 2025 ONCOFERTILITY CONSORTIUM CONFERENCE AGENDA

Day 1   Monday,	October 13, 2025		
7:00 am – 8:00 am	REGISTRATION (Woodward Pre-Function) & BREAKFAST (Venetian Ballroom)		
8:00 am - 12:00 pm	Morning Session Option A: Oncofertility Scientific Committees Meetings (Non-CME)		
	Location: Founders A & B Rooms		
	Founders Room A		
8:00 am – 10:00 am	Patient Navigation		
10:00 am – 12:00 pm	Pediatric & Adolescent Committee (PAC)		
	Founders Room B		
8:00 am - 8:30 am	Basic Science		
8:30 am – 10:00 am	Female, Surgery & Practice Committees		
8:00 am – 12:00 pm	Morning Session Option B: Oncofertility 101 Course (CME) Location: Woodward Ballroom & Zoom Moderator: Kyle Stimpert (USA)		
8:00 am – 8:10 am	Introduction to Oncofertility	Speaker: Kyle Stimpert (USA)	
8:10 am – 8:40 am	Impact of Gonadotoxic Therapy	Speaker: Mindy Christianson (USA)	
8:40 am – 9:10 am	Female Fertility Preservation	Speaker: MaryEllen Pavone (USA)	
9:10 am – 9:40 am	Male Fertility Preservation	Speaker: Catherine Nam (USA)	
9:40 am – 10:10 am	Pediatric Fertility Preservation	Speaker: Tyler Ketterl (USA)	
10:10 am - 10:20 am	BREAK (Woodward Pre-Function)		
10:20 am – 11:00 am	Partnering with Patients and Families: Communication Strategies in Oncofertility Care	Speaker: Susan Vadaparampil (USA) and Aaron Albanez (USA)	
11:00 am – 12:00 pm	Sexual Health and Contraception in the AYA Population	Speaker: AnnaMaria Maples (USA)	
12:00 pm - 12:45 pm	LUNCH (Venetian Ballroom)		
12:45 pm – 6:15 pm	Afternoon Sessions: Current Topics in Fertility Preservation (CME) Location: Woodward Ballroom Moderator: Denis Vaughan (USA)		
12:45 pm – 1:00 pm	Welcome Message and Overview of Objectives by Conference Co-Chairs	Speakers: Joe Letourneau (USA) Kristin Smith (USA)	
1:00 pm – 2:15 pm	Genetic Testing in Oncofertility Panel		
	Cancer Risk and Family-Building: Patient Stories	Speakers: Allison Close/Emily Aldrich (USA)	
	Cancer Risk Genes Among Oncofertility Patients	Speaker: Jennie Vagher (USA)	
	Pre-Implantation Genetic Testing of Embryos for Oncofertility Patients: Unique Considerations	Speaker: Rawan Awwad (USA)	
2:15 pm - 2:30 pm	BREAK (Woodward Pre-Function)		

The agenda for the first day of the conference continues on the following page.

Day 1   Continue	ed		
12:45 pm – 6:15 pm	Afternoon Sessions: Current Topics in Fertility Pres Location: Woodward Ballroom Moderator: Denis Vaughan (USA)	ervation (CME)	
2:30 pm - 3:30 pm	Oral Abstract Presentations and Awards	Moderator: Olivia Jaworek Frias (USA)	
	Fertility-focused Discussions within the Reddit Cancer Community	Speaker: Brooke Cherven (Emory University, USA)	
	Electroejaculation and Testicular Sperm Extraction in Challenging Clinical Scenarios for Fertility Preservation in Pediatric Patients Undergoing Gonadotoxic Therapy	Speaker: Amanda Saraf (Indiana University, USA)	
	Cryopreservation of Oocytes is a Viable Option in Adolescent Cancer Patients Already Exposed to Chemotherapy.	Speaker: Kari Bjornard (University of Tennessee, USA)	
	Inhibition of Oogenic JNK Prevents Chemotherapy- Induced Premature Ovarian Insufficiency and Infertility in Mice	Speaker: Yingnan Bo (Rutgers University, USA)	
3:30 pm – 3:52 pm	Fertility Considerations in Transgender Patients	Speaker: Megan Mcnamara (USA)	
3:53 pm – 4:15 pm	Fertility Preservation in Unique Populations	Speaker: Amanda Adeleye (USA)	
4:15 pm – 5:00 pm	2025 Legal Updates in Fertility Preservation Care: Navigating This Year's Legal Issues and Executive Orders	Speaker: Jessie Hill (USA)	
5:00 pm – 6:15 pm	Oncofertility Writing Workshop	Moderator: Megan Scherer (USA) Speaker: Kristin Lenz (USA)	
Day 2   Wedneso	lay, October 14, 2025		
7:00 am – 8:00 am	REGISTRATION (Woodward Pre-Function) & BREAK	FAST (Venetian Ballroom)	
8:00 am – 12:00 pm	Morning Sessions: Clinical Concepts in Oncofertility (CME) Location: Woodward Ballroom Moderator: Shu Foong (Canada)		
8:00 am – 8:45 am	Hormonal Therapy Interruption and Fertility: POSITIVE Study Phase II Findings	Speaker: Ann Partridge (USA)	
8:45 am – 9:30 am	2025 ASCO Fertility Preservation Guidelines: What's New	Speaker: Alison Loren (USA)	
9:30 am -10:15 am	Managing Hormone Therapy After Cancer: Risks, Benefits, and Best Practices	Speaker: Lisa Larkin (USA)	
10:15 am - 10:30 am	BREAK (Woodward Pre-Function)		
10:30 am – 11:15 am	Achieving a Healthy Live Birth after Cancer: An Obstetrician's Perspective	Speaker: Brett Einerson (USA)	
11:15 am – 12:00 pm	Worth the Wait Patient Panel	Moderator: Pash Patel (USA) Speakers: Chantal Kabwasa-Henly (USA), Shane Winnyk (USA), and Aaron Albanez (USA)	

The agenda for the second day of the conference continues on the following page.

Day 2   Continued			
12:00 pm – 1:00 pm	LUNCH (Venetian Ballroom)		
1:00 pm – 5:00 pm	Afternoon Sessions: Clinical Concepts in Oncofertility Continued (CME) Location: Woodward Ballroom Moderator: Rebecca Flyckt (USA)		
1:00 pm – 1:45 pm	Applying ASRM Ethics Guidelines in Clinical Practice	Speaker: Katie Cameron (USA)	
1:45 pm – 2:30 pm	Navigating Contraception in the Context of Cancer and Survivorship	Speaker: AnnaMaria Maples (USA)	
2:30 pm - 2:45 pm	BREAK (Woodward Pre-Function)		
2:45 pm – 3:15 pm	Preserving Parenthood after Gynecologic Cancer: Focus on Fertility and Pregnancy Outcomes	Speaker: Alejandro Rauh-Hain (USA)	
3:15 pm – 4:15 pm	Cryopreservation in Focus: Techniques and Outcomes in Ovarian Tissue Transplantation	Speaker: Kutluk Oktay (USA)	
4:15 pm – 5:00 pm	Supporting Young Males: Navigating Fertility Discussions and Decisions in Adolescence	Speaker: Leena Nahata (USA)	
5:00 pm – 7:00 pm	RECEPTION & POSTER SESSION (Non-CME) Location: Venetian Ballroom NOTE: Posters should be removed at the end of	the reception.	

Day 3   Wednesday, October 15, 2025			
7:00 am – 8:00 am	REGISTRATION (Woodward Pre-Function) & BREAKFAST (Venetian Ballroom)		
8:00 am – 12:00 pm	Morning Sessions: Future of Oncofertility (CME) Location: Woodward Ballroom Moderator: Kara Bendle (USA)		
8:00 am - 8:45 am	Present and Future of Oncofertility in Africa	Speaker: Charles Muteshi (Kenya)	
8:45 am – 9:30 am	Update on Canadian Landscape of AYA/ Oncofertility Care	Speaker: Mackenzie Jansen (Canada)	
9:30 am – 10:15 am	Oocyte Harvesting or Ovarian Tissue Cryopreservation? Fertility Strategies for Individuals with Sickle Cell Anemia	Speaker: Mindy Christianson (USA)	
10:15 am – 10:30 am	BREAK (Woodward Pre-Function)		
10:30 am – 11:15 am	Immunotherapy and Fertility: Current Evidence and Counseling Considerations	Speaker: Roseanne Rosario (UK)	
11:15 am – 12:00 pm	Closing the Gap: Applying Implementation Science to Expand Access to Fertility Preservation and Reproductive Healthcare	Speaker: John Salsman (USA)	
12:00 pm – 12:15 pm	Closing Remarks and Wrap Up	Speakers: Joe Letourneau (USA) and Molly Moravek (USA)	
12:15 pm CONFERENCE ADJOURNS			

For questions, please email oncofert@msu.edu.

### **Program Committee**



Dr. Anthony Kayiira Reproductive Embryologist IVF Laboratory Director Department of Reproductive Endocrinology and Infertility Mulago Specialised Women and Neonatal Hospital Kampala, Uganda



Dana Kimelman, MD, MS-RSM, OBGYN Responsible for the Oncofertility division at Centro Hospitalario Pereira Rossell and British Hospital of Montevideo



Kyle Stimpert, MSN, RN, ACNP VÁ Northeast Ohio Healthcare System University Hospitals Seidman Cancer Center



Leslie C. Appiah, MD, FACOG Professor of Obstetrics and Gynecology Chair, Department of Obstetrics and Gynecology Executive Director, Center for Women's Health Research Meharry Medical College



Denis A. Vaughan MD, MRCPI, FACO Director of Business Operations Co-Founder Terra Fertility Assistant Professor, Harvard Medical School



Megan Scherer **Executive Director** Worth the Wait



Frédéric Amant, MD, PhD Professor Gynecologic Oncology at KU Leuven and University of Amsterdam Specialist and Head research unit in UZ Leuven Head research unit in Netherlands Cancer Institute ESGO council



Rod Mitchell, MBChB, BSc, PhD, **MRCPCH** Professor of Developmental Endocrinology & Consultant Paediatric Endocrinologist The University of Edinburgh & Royal Hospital for Children and Young People



H. Irene Su, MD MSCE Professor of Obstetrics, Gynecology and Reproductive Sciences University of California, San Diego



Shu C. Foong, MD, FRCSC Medical Director Regional Fertility Program



Section Head Clinical Assistant Professor Reproductive Endocrinology & Infertility Department of Obstetrics & Gynecology Alberta Health Services and University of Calgary



Joseph Letourneau, MD Assistant Clinical Professor Department of OBGYN Division of Reproductive Endocrinology and Infertility Co-Director, University of Utah Oncofertility Program



Susan T. Vadaparampil, PhD MPH Associate Center Director for Community Outreach & Engagement Professor, Department of Health Outcomes and Behavior Moffitt Cancer Center



Kathleen Hwang, MD Professor of Surgery/Urology Director of Men's health University of Pennsylvania

# Speakers, Moderators, and Organizers (alphabetically)

Speakers	Moderators
Aaron Albanez (USA) Alejandro Rauh-Hain (USA) Allison Close (USA) Alison Loren (USA) Amanda Adeleye (USA) Amanda Saraf (USA) AnnaMaria Maples (USA) Ann Partridge (USA) Brett Einerson (USA) Brooke Cherven (USA)	Denis Vaughan (USA) Kara Bendle (USA) Kyle Stimpert (USA) Rebcca Flyckt (USA) Shu Foong (Canada)
Catherine Nam (USA) Chantal Kabwasa-Henly (USA)	Organizing Committee
Chantal Kabwasa-Henly (USA) Charles Muteshi (Kenya) Emily Aldrich (USA) Jennie Vagher (USA) Jessie Hill (USA) John Salsman (USA) Joe Letourneau (USA) Kari Bjornard (USA) Katie Cameron (USA) Kristin Lenz (USA) Kristin Smith (USA) Kutluk Oktay (USA) Kyle Stimpert (USA) Leena Nahata (USA) Lisa Larkin (USA) Mackenzie Jansen (Canada) MaryEllen Pavone (USA) Megan Mcnamara (USA) Megan Scherer (USA) Mindy Christianson (USA) Molly Moravek (USA) Olivia Jaworek Frias (USA) Pash Patel (USA) Rawaan Awwad (USA) Roseanne Rosario (UK) Shane Winnyk (USA) Yingnan Bo (USA)	Oncofertility Consortium and Henry Ford Health + Michigan State University Health Sciences  Jenna French (USA) Joe Letourneau (USA) Kristin Smith (USA) Leslie Appiah (USA) Mahmoud Salama (USA) Molly Moravek (USA) Richard Leach (USA) Sakiya Duncan (USA)

### Abstract Book 2025



#### # Authors (separated by commas), Affiliations (separated by commas), Country, Email of Corresponding Author

1 Fertility-focused discussions within the Reddit cancer community



Brooke Cherven bcherve@emory.edu, Kayla Fitch kayla.d.fitch@gmail.com, Eline Nijeboer eline.eva.nijeboer@gmail.com, Megan Pruett megan.pruett@choa.org, James Klosky james.klosky@emory.edu, Vicky Lehmann v.lehmann@amsterdamumc.nl

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Outcomes of the 2024 Enriching Communication Skills for Health Professionals in Oncofertility (ECHO)
Training Program

Katherine Unger B.S., Dona Jalili M.S., Bianca Augusto B.S., Susan Vadaparampil PhD MPH, Gwendolyn Quinn PhD Katherine Unger B.S. (EMAIL: katherine.unger@nyulangone.org, AFFILIATION: NYU Grossman School of Medicine), Dona Jalili M.S. (EMAIL: dona.jalili@nyulangone.org, AFFILIATION: NYU Grossman School of Medicine), Bianca Augusto B.S. (EMAIL: Bianca.Augusto@moffitt.org, AFFILIATION: Moffitt Cancer Center), Susan Vadaparampil PhD MPH (EMAIL: Susan.Vadaparampil@moffitt.org, AFFILICATION: Moffitt Cancer Center), Gwendolyn Quinn PhD (EMAIL: gwendolyn.quinn@nyulangone.org, AFFILIATION: NYU Grossman School of Medicine)

3 EVALUATION OF A PHARMACY DELIVERED ONCOFERTILITY INTERVENTION

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4 Bridging Automation and Advocacy: The Role of the Nurse Navigator in Reviewing An Oncofertility Practice Advisory for AYA Cancer Patients

Elysse Casson RN BSN OCN, Katie Olson-Perard RN MSN

Mayo Clinic Arizona

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5 Sexual and Reproductive Health in Cancer Survivorship - A Scoping Review of Quality-of-Life Interventions
Sadaf Sedaghatshor, Karlynn BrintzenhofeSzoc

Kent School of Social Work and Family Science, University of Louisville, Louisville, KY, USA s0seda01@louisville.edu

6 Fertility preservation by ex vivo oocyte retrieval in a 17-year-old with bilateral borderline ovarian tumors: a case report

Rodrigo Guimarães Furtado, Francisco Furtado Filho, Reitan Ribeiro, Ivana Rippel Hauer, Luiza Sanoglio, Gustavo Wandresen, Fabricio Vieira Furtado

Fertway Reprodução Humana - Curitiba Brazil , Hospital Erasto Gaertner- Curitiba Brazil , Federal University of Paraná, McGill University Healthcare Centre

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7 Implementing off-site storage for frozen oocytes: A two-year experience in an academic IVF center
Sung Tae Kim, Lauren Hyams, James Hamrick, Katelyn Sofaly, Kathryn Coyne, Joseph Findley, Rachel Weinerman,
Rebecca Flyckt

University Hospitals Fertility Center, Case Western Reserve University SungTae.Kim@UHhospitals.org

8 Fertility preservation mandate awareness, training, and resources to support learning among cancer care team members and insurers in Massachusetts

Julia Stal, PhD, Grace Guzman, BS, Ann H. Partridge, MD, MPH, Nancy L. Keating, MD, MPH, Joyce Reinecke, JD, A. Lindsay Frazier, MD, & Jennifer W. Mack, MD, MPH

Department of Medical Oncology Dana-Farber Cancer Institute, Breast Oncology Program Dana-Farber Brigham Cancer Center, Department of Medicine Harvard Medical School, Division of General Internal Medicine Brigham and Women's Hospital, Department of Health Care Policy Harvard Medical School, Alliance for Fertility Preservation, Dana-Farber/Boston Children's Cancer and Blood Disorders Center, Department of Pediatric Oncology Dana-Farber Cancer Institute julia\_stal@dfci.harvard.edu

9 Prognosis, Fertility Preservation, and Pregnancy Outcomes in Young Patients with Triple-Negative Breast Cancer and BRCA1/2 Pathogenic Variants

Akemi Kataoka\*1, Mikiko Kasahara1, Meiko Nishimura1, Ayumi Kanazawa1, Mikiko Kai1, Yukie Ito1, Nao Yoshida1, Yosuke Aoyama1, Yurie Haruyama1, Yuri Kimura1, Chikako Takahata1, Natsue Uehiro1, Yukinori Ozaki1, Toshimi Takano1, Takahiro Kogawa2, Hiromi Arakawa3, Arisa Ueki3, Takayuki Ueno1 Breast Oncology Center1, Department of Advanced Medical Development2, Clinical genetic oncology3, Cancer Institute Hospital of Japanese Foundation for Cancer Research akemi.kataoka@jfcr.or.jp

Evaluating the Effectiveness of a Whiteboard Video and Resource Navigator in Enhancing Awareness of Support Resources for Adolescents and Young Adults with High-Grade Glioma



Kaviya Devaraja MSc1,2, Julie Bennett MD2,4,5. Abha A. Gupta MSc, MD2,3,4 1. Institute of Medical Science, University of Toronto, Toronto, Canada. 2. Adolescent and Young Adult Program, Department of Supportive Care, Princess Margaret Cancer Centre, University of Toronto, Toronto, Canada. 3. Department of Supportive Care, Princess Margaret Cancer Centre, University Health Network, Toronto, Canada, 4. Division of Medical Oncology and Hematology, Princess Margaret Cancer Centre, University of Toronto, Toronto, Canada. 5. Division of Hematology and Oncology, The Hospital for Sick Children, Toronto, Canada kaviya.devaraja@uhn.ca

Radiation-Specific Sexual and Reproductive Health Challenges in Adolescent and Young Adults Assigned Female at Birth: A Mixed-Methods Study of Unmet Needs Post Pelvic Radiotherapy

Kaviya Devaraja MSc1,2, Anjali Sachdeva BSc3, Karina Gandhi BSc4, Abha A. Gupta MSc, MD2,5, Jennifer Croke MD6

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Practice Patterns of Post-Therapy AMH Testing in Females Who Received Gonadotoxic Treatment
Alyssa Motzel, Chelsea Kebodeaux, Stacy Whiteside, Jennifer English, Anthony Audino, Nicholas Yeager, Leena
Nahata Division of Endocrinology, Center for Biobehavioral Health, Abigail Wexner Research Institute, Division
of Pediatric and Adolescent Gynecology, Division of Hematology/Oncology/BMT, Nationwide Children's Hospital,
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Co-Developing Fertility Preservation Knowledge Translation Resources with Adolescent and Young Adult (AYA) Cancer Patient Partners

Mackenzie Jansen MN1, Madyson Shauman1, Patrick Faucher2, Lorena Gerl1, Sapna Oberoi MD, DM3,4,6 1 Department of Patient and Family Support Services CancerCare Manitoba Winnipeg Canada, 2 George & Fay Yee Centre for Healthcare Innovation Winnipeg Manitoba Canada, 3 Department of Pediatric Hematology/ Oncology CancerCare Manitoba Winnipeg Manitoba Canada, 4 Department of Pediatrics and Child Health Max Rady College of Medicine University of Manitoba Winnipeg Canada, 6 CancerCare Manitoba Research Institute CancerCare Manitoba Winnipeg Canada mshauman@cancercare.mb.ca

14 Centering Patients' Voice: How Lived Fertility Experiences of Adolescents and Young Adults are Reshaping Oncofertility Care and Priorities in a Canadian Province

Madyson Shauman1, Mackenzie Jansen1, Gabrielle Barone2, Alannah Raposo3, Kylie Bard3, Raven Verano3, Toni Koshowski3, Nori Liu3, Stephen Halas3, Olivia Dyaco3, Lorena Gerl1, Sapna Obeori5,6

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Adolescent and Young Adult (AYA) Oncology Sexual Health Initiative: Description of a Quality Improvement (QI) Project at a Single Pediatric Center

Kathryn Robbins DNP APNP, Kristin Bingen PhD, Elizabeth Hovel MD MPH, Jocelyn Morin MPH, Debra Schmidt MSN APNP, Kerri Becktell MD MS Medical College of Wisconsin, Children's Wisconsin krobbins@mcw.edu

A qualitative exploration of fertility-related attitudes and perspectives among young adult women diagnosed with breast cancer at peri-urban cancer center in a low resource setting

Gerald Hashaka 1,2, Daniel Zaake 1,2,4, Gilbert Tumwine 1,2, Othiniel Musana 1,2, Romano N. Byaruhanga 1,2, Anthony Kayiira 1,2,3,5\*. 1. Department of Obstetrics and Gynecology; Mother Kevin Postgraduate Medical School; Uganda Martyr's University, Kampala, Uganda, 2. St Francis Hospital Nsambya, Kampala, Uganda, 3. Department of Reproductive Endocrinology and Infertility; Mulago Specialized Women and Neonatal Hospital, Kampala, Uganda, 4. School of Public Health; Makerere University College of Health Sciences, Kampala Uganda, 5. Uganda Cancer Institute, Kampala, Uganda. antoedwards 13@gmail.com

Inducing Spermatogenesis in Males with Hypogonadotropic Hypogonadism: A Case Series

Presenting Author: Rachel Edge, MD, Baptist Memorial Medical Education, rachelef40@gmail.com, Kari Bjornard, MD, MPH, St. Jude Research Hospital, Kari.Bjornard@STJUDE.ORG, Raymond Ke, MD, Fertility Associates of Memphis, raywkemd@gmail.com

St. Jude Research Hospital, Fertility Associates of Memphis, Baptist Memorial Medical Education

Creating a video to promote foster care and special adoption systems for AYA cancer survivors

Kouhei Sugimoto, Inagaki Risa, Masaki Kiyo, Miki Okubo, Akiyoshi Osaka, Yukiko Takekawa, Toshiyuki Iwahata,
Tomoe Koizumi, Hiroshi Okada
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19 Experience Establishing a Clinical Trial of Ovarian Tissue Allotransplantation with Immunosuppression for Primary Ovarian Insufficiency Between Non-Identical Siblings

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20 Patterns of patient-reported awareness about early-onset cancer-related infertility risk

Allison D. Morris, Samantha R. Keller, Rachel A. Francis, Allison Rosen, Heath C. Tolliver, Zoe Finer, Megan Scherer, Ardaman Shergill, Cathy Eng, Digna R. Velez Edwards, Michelle K. Roach, Kristen K. Ciombor, Andreana N. Holowatyj

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21 Predictors of IVF Outcomes in Cancer Survivors After Ovarian Tissue Transplantation

Myriam Safrai, Maya Elly, Adva Aizer, Jigal Haas, Raoul Orvieto, Yehonatan Marziano, Moran Shapira, Dror Meirow 1 - 1. IVF Unit, Department of Obstetrics and Gynecology, Sheba Medical Center, Israel, 2-The Morris Kahn Fertility Preservation Center, Sheba Medical Center, Israel, 3-School of Medicine, Tel Aviv University, Israel, 4-4. Department of Psychiatry, School of Medicine, Tel Aviv University, Israel myriamsafrai@gmail.com

22 Ovarian Metastases in Reproductive Aged Patients with Appendiceal Cancer: Implications for Fertility Preservation

Morgan Bou Zerdan, MD, Sarah Hmaidan, DO, Jeffrey A. How, MPH, MD, Terri L. Woodard, MD, Pamela T. Soliman, MPH, MD, Laurie J. McKenzie, M.D. Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, Texas, USA mjb25@mail.aub.edu

The Emergence of Oncofertility (Past, Present & Future): A Statistical Overview of a Massive Open Online Course (MOOC)

Dana Kimelman, Mahmoud Salama, Teresa K. Woodruff

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Developing a fertility and reproductive health educational framework for adolescents and young adults with sickle cell disease

Megan Pruett 1, Brooke Cherven 1,2, James L. Klosky 1,2, Beatrice E. Gee 1,2, Marianne Yee 1,2, Lillian Meacham 1,2

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Mail-in Semen Cryopreservation Toolkit Alleviates Systemic Barriers for Adolescent and Young Adult Patients
Derek Sportsman, Daniel Nolte, Myriam Safrai, Kristin Smith, Joyce Reinecke, Jerrine Morris, Kyle E. Orwig, James F. Smith, Yi Li

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26 Implementing ASCO's Fertility Preservation Guidelines in Clinical Practice: An Embedded AYA Navigator Model Dawn Ritzwoller\*, Karlie Allen Gray, Jeff Yancey, Doug Fair

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# 27 Surgical Complication Rates in Pediatric Patients Undergoing Ovarian Tissue Cryopreservation, A Cohort Study Utilizing the NSQIP Dataset

Deina R. Bossa, M.D.1, Dongmei Li Ph.D.2, Adam T. Evans, M.D.1, Wendy S. Vitek, M.D.1, Snigdha Alur-Gupta, M.D., M.S.C.E1

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# Development of an Ovarian Tissue Cryopreservation Care Pathway as Part of a Comprehensive Fertility Preservation Program

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### 29 Exploring awareness of fertility preservation options in patients at risk of iatrogenic infertility. The role of Genetic Counselors

Alejandra Bernal, Haley Grant, Mary Travis, Andrea Durst

Alejandra Bernal, Genetic Counselor; Haley Grant, Department of Biostatistics and Health Data Science, University of Pittsburgh; Mary Travis, Prenatal and Preconception Genetic Counselor UPMC; Andrea Durst, Associated Director of Genetic Counseling Program, University of Pittsburgh. Please note that this submission has the complete PDF file with the requested information. aab287@pitt.edu

# Desire for future children and interest in consultation with a fertility specialist among Adolescent and Young Adult (AYA) patients with cancer

Paige W. Lake, Yayi Zhao, Rossybelle P. Amorrortu, Gwendolyn P. Quinn, Dana E. Rollison, Susan T. Vadaparampil H. Lee Moffitt Cancer Center, New York University, Danaher Corporation paige.lake@moffitt.org

#### 31 Comprehensive Fertility Preservation Procedure Outcomes SmartForms

Kelsey Balmelli (1), Sue Ehling (1), Kristin Gard (1), Kalee Carson (1,2), Maggie Dickey (1), Amy Wilcox (1), JD Bank (3), Tyler Ketterl (1,4,5)

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# 32 Safety Outcomes of Ovarian Tissue Cryopreservation in Premenarchal Girls Undergoing Immediate Chemotherapy Initiation

Eugenie Lehembre-Shiah, Gabrielle Stone, Sadie Wenger, Joanna Courtis, Kiera Hobdy, Jacqueline Maher, Veronica Gomez-Lobo

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#### 33 Impact of a Dedicated Fertility Navigator on Fertility Preservation Counseling in Pediatric Hematology/ Oncology

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# Trends, Demographics and Predictors of Success in Adolescents and Young Adults with Cancer Undergoing Fertility Preservation

Lauren Stippich MD, Maya Seshan BS, Stephanie Gunderson MD Froedtert & the Medical College of Wisconsin lstippich@mcw.edu

## Live Offspring Born using Cryopreserved Prepubertal Rhesus Testis Tissue Autologously Grafted after Sterilizing Cancer Therapy and Reaching Adulthood

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# Canadian Implementation of Ovarian Tissue Transportation and Centralized Cryobanking- the Ontario Huband-Spoke Model

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## 37 Longitudinal Outcomes of Reproductive Function in Male Pediatric Hematopoietic Stem Cell Transplant Survivors: The Recovery of Inhibin B

Ethan Lawhorn(1), Bhavapriya Mani, MD (2), Jonathan C. Howell, MD, PhD (2,3), Kasiani Myers, MD (1,3), Zahra Hudda, MD. (1,3)

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38 Evaluation of Sperm Quality in Adolescent Males Faced with Fertility-Threatening Treatment
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Fodor MS5, Andrew Ritchey MS5, Alexandra Walsh MD6

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What influences fertility preservation decisions? An analysis of demographic, oncologic, and social determinants of health.

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40 Fertility Preservation Referral and Utilization in Patients with Primary Ovarian Insufficiency
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41 Electroejaculation and Testicular Sperm Extraction in Challenging Clinical Scenarios for Fertility Preservation in Pediatric Patients Undergoing Gonadotoxic Therapy



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- 42 Novel Surgical Technique in Ovarian Tissue Transplantation Results in Successful IVF Pregnancies and deliveries: A Case Report of Post-Medulloblastoma Fertility Preservation

Foad Azem, Roza Berkovitz Shperling, Yael Kalma, Dalit Ben-Yosef, Tatyana Binyar, Ishai Levin From the IVF Unit, Department of Obstetrics and Gynecology (F.A., R.B.S., T.B., I.L.), and the IVF Laboratory (Y.K., D.B.Y.), Tel Aviv Sourasky Medical Center, and the Gray Faculty of Medicine, Tel Aviv University â€″ both in Tel Aviv, Israel.

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43 Implementation of an Electronic Health Record (EHR) Nudge to Improve Sperm Banking Referrals in AYA Males with Cancer

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Cryopreservation of oocytes is a viable option in adolescent cancer patients already exposed to chemotherapy.



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Evaluating the 12-Month Impact of the ECHO Oncofertility Training Program on Allied Healthcare Professionals' Confidence and Communication Practices

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Comparison of Demographics and Characteristics of Stimulation Cycles in Adolescent and Young Adults with and Without Cancer Undergoing Fertility Preservation

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47 Implementing a Fertility Preservation Decision Aid for Adolescent and Young Adult Cancer Survivors in Clinic: A Pilot Study

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- Tissue Processing Metrics in Pediatric Ovarian Tissue Cryopreservation: Differences by Pubertal Status Christopher J. McCauley, Monica M. Laronda, Erin E. Rowell
  Division of Pediatric Surgery, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL cmccauley@luriechildrens.org
- 49 Oncology Provider Perceptions Regarding Sperm Cryopreservation at an NCI-designated Cancer Center in Detroit

Michael S. Sessine, Ava Zamani, Lillian Lai, Leane Kuo, Ana Moser, Kevin B. Ginsburg
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50 Single-cell RNA-sequencing analysis reveals distinct transcriptomic changes between granulosa cells and oocytes of primordial follicles

Wenlong Zhao1, Jiyang Zhang1, Yingnan Bo1, Sonia (Yunman) Song1, Zhang Qiang2, So-Youn Kim3, Shuo Xiao1 1Department of Pharmacology and Toxicology, Ernest Mario School of Pharmacy, Rutgers University, Piscataway, NJ 08854, USA; 2 Department of Environmental Health, Rollins School of Public Health, Emory University, Atlanta GA 30322, USA; 30Ison Center for Women's Health, Department of Obstetrics and Gynecology, College of Medicine, University of Nebraska Medical Center, Omaha, NE, 68198, USA sx106@pharmacy.rutgers.edu

Inhibition of oogenic JNK prevents chemotherapy-induced premature ovarian insufficiency and infertility in mice

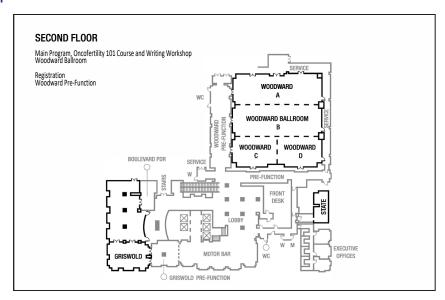


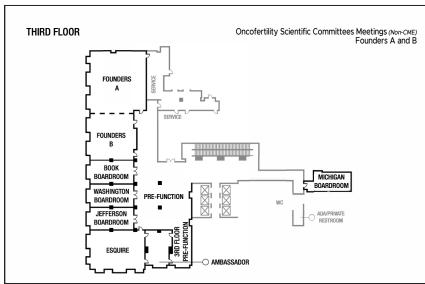
Yingnan Bo, Wenlong Zhao, Jiyang Zhang, Yingzheng Wang, Yunman (Sonia) Song, Qiang Zhang, So-Youn Kim, Shuo Xiao

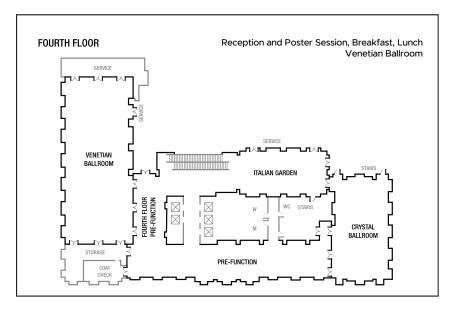
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## Floorplan







### Detroit Conference Guest Guide

### All distances from The Westin Book Cadillac, Downtown Detroit

### Attractions & Coffee Shops

Place	Distance
Detroit Institute of Arts (DIA)	15–20 min walk / 5 min drive
Motown Museum	25–30 min walk / 10 min drive
Eastern Market	25 min walk / 8 min drive
Madcap Coffee	5 min walk / 2 min drive
Spkrbox Coffee	7 min walk / 3 min drive
Great Lakes Coffee (Midtown)	20 min walk / 7 min drive
James Oliver Coffee	15 min walk / 5 min drive
Café D'Mongo's Speakeasy	8 min walk / 3 min drive

### Restaurants / Eats (Downtown / Walkable)

Place	Distance
Mootz Pizza	8 min walk / 3 min drive
Sullivan's Steakhouse	7 min walk / 3 min drive
The Apparatus Room	5 min walk / 2 min drive
San Morello	6 min walk / 2 min drive
Gilly's Clubhouse & Rooftop	10 min walk / 3 min drive
The Peterboro	12 min walk / 4 min drive
Bar Pigalle	12 min walk / 4 min drive
Leila	8 min walk / 3 min drive
Cannelle Detroit	6 min walk / 2 min drive
The Dime Store	6 min walk / 2 min drive
Ottava Via	15 min walk / 5 min drive
Eatori Market + Kitchen	6 min walk / 2 min drive
Mom's Spaghetti	10 min walk / 4 min drive
Lafayette Coney Island	7 min walk / 2 min drive
Ima	12 min walk / 5 min drive
Sugar Factory	8 min walk / 3 min drive
Peach Cobbler Factory	10 min walk / 4 min drive

### Detroit Conference Guest Guide (continued)

All distances from The Westin Book Cadillac, Downtown Detroit

### Restaurants / Eats (Nearby / Short Drive)

Place	Distance
HopCat	20 min walk / 7 min drive
Old Shillelagh	20 min walk / 6 min drive
Baobab Fare (Eastern Market)	25 min walk / 8 min drive
Supino Pizzeria (Eastern Market)	25 min walk / 8 min drive
Waka (Baobab Fare's spinoff)	25 min walk / 8 min drive
Detroit Shipping Company	25 min walk / 8 min drive

### Bonus / Highly Recommended

Place	Distance
Prime + Proper	8 min walk / 3 min drive
Grey Ghost (Midtown)	25 min walk / 7 min drive

Bars & Nightlife

Place	Distance
The Brakeman	6 min walk / 2 min drive
Side Hustle Lounge	5 min walk / 2 min drive
The Skip	8 min walk / 3 min drive
Bad Luck Bar	8 min walk / 3 min drive
The Juice Box	10 min walk / 4 min drive
Café D'Mongo's Speakeasy	8 min walk / 3 min drive
The Royce Wine Bar	10 min walk / 4 min drive
TV Lounge	20 min walk / 7 min drive
Willis Show Bar	25 min walk / 8 min drive



# Details about the 18th Oncofertility Consortium Conference will be available soon at <u>oncofertility.msu.edu</u>.

### **Oncofertility Consortium**

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