CLINICAL CANCER GENOMICS COMMUNITY OF PRACTICE

CITY OF HOPE DIVISION OF CLINICAL CANCER GENOMICS

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CHAT LOG TIMECODES MAY NOT ALIGN WITH RECORDING

00:20:21 Diane Stoller: Is there a CME code?
00:20:41 Clinical Cancer Genetics: CME code for this session: KOGMAY
00:21:16 Erica Kessler: Hi! Can someone send the code please?
00:21:30 Clinical Cancer Genetics: CME code for this session: KOGMAY
00:24:00 Bita Nehoray (she/her): Some pedigree reminders for our current IC cohort, placing a number within a circle/square/diamond indicates the # of people, not age. Age is typically listed under the individual in subcomments.
00:24:28 Tara Lien: What is the number we text the code to please?
00:24:44 Bita Nehoray (she/her): Also, encourage shading in for diagnoses to more easily assess patterns
00:25:07 City of Hope - PopSci Conference Room: Reminder for individuals in the current IC cohort, you do not need to text the CME code in for credit
00:25:35 Clinical Cancer Genetics: CME text-in number: (626) 314-7448 (IC participants do not need to text in)
00:26:41 Bita Nehoray (she/her): Agree, interesting case!
00:26:53 Michelle Weaver Knowles: Yippee for panel testing!
00:26:58 Jeffrey Weitzel: Does the 78 yo have her ovaries?
00:27:09 City of Hope - PopSci Conference Room: No she had BSO
00:27:26 Dara McKinley FNP-C AGN-BC: why did she see onc?
00:27:45 gina shay-zapien: Can you tell us more about the MITF mutation?
00:28:23 Jeffrey Weitzel: BSO was the most important intervention. The CARRIERS project provides population-based risk estimates (BC risk only ~50% absent FHx
00:29:09 Robbin Palmer: Fallopian tubes gone, too?
00:29:53 City of Hope - PopSci Conference Room: I think it's a little difficult to tell the cancers without shading, but there are some breast cancers in the family
00:30:26 Cindy Snyder DNP, ACGN, FNP-C. CBCN: Does the 78 y/o proband's daughter have children?
00:30:42 Tami Hudson : No children
00:30:47 Dara McKinley FNP-C AGN-BC: thank you for pointing that out JW--sometimes it is hard to know in the older population
00:32:34 Denise Jeffery: In an earlier working group MITF was discussed. At that time Dr Slavin had recommended screening for renal cancer. Would that be recommended for these individuals?
00:33:11 City of Hope - PopSci Conference Room: We have done baseline screening for RCC but there are no guidelines
00:33:22 City of Hope - PopSci Conference Room: No defined risk # yet and no screening guidelines
00:33:30 Constance Murphy: screening how? MRI versus ultrasound?
00:33:56 City of Hope - PopSci Conference Room: It has been associated with clear cell RCC so ultrasound should be able to detect that
00:34:09 City of Hope - PopSci Conference Room: We think about MRI/CT when it comes to papillary type RCC in which US is not as good

00:35:10 Tom Lin, MD: MITF plus BRCA2 is riskier than MITF alone?
00:35:43 Steve Gruber: Yes...additive for sure. Don't know if it is more than additive.
00:35:59 Steve Gruber: ...for melanoma
00:36:06 Tom Lin, MD: MITF alone is riskier than MITF plus BRCA1?
00:36:26 Tonia Markel: Why was panel testing done on the children instead of family variant testing? Is this generally the recommendation?
00:37:36 Steve Gruber: I almost always recommend panel testing in at-risk family members, not family variant testing.
00:37:54 Lauren Gima (she/her): Either option could be appropriate, but we typically offer panel testing to all in our practice
00:37:56 Dara McKinley FNP-C AGN-BC: Rachelle can you repeat the MITF AR syndrome? I have not been counseling on that
00:38:02 Lauren Gima (she/her): COMMAD syndrome
00:38:40 Dara McKinley FNP-C AGN-BC: ok--not in ambry reports that I know of
00:38:46 COH - Sandra Dreike: coloboma, osteopetrosis, microphthalmia, macrocephaly, albinism, and deafness
00:38:56 Dara McKinley FNP-C AGN-BC: thank you
00:39:00 Clinical Cancer Genetics: CME code for this session: KOGMAY
00:39:26 Cindy Snyder DNP, ACGN, FNP-C. CBCN: What is the incidence for COMMAD?
00:40:56 Tom Lin, MD: Earlier, it was mentioned that BRCA1 can have ressesive condition. Can you elaborate more?
00:41:01 Erica Kessler: Does the MyRisk discuss COMMAD? I don't remember seeing
00:41:22 Christine Strub: In Switzerland testing for a known Mutation is About 400 CHF and Panel testing is 4000 CHF.
00:41:22 Kathleen Mott: :also PGM had pancreatic cancer
00:41:50 gina shay-zapien: are those MITF mutations in the son and daughter different or just named differently because of the different labs?
00:41:54 Lauren Gima (she/her): COMMAD syndrome is rare. I think still more case report level, so no incidence rates known currently
00:42:53 COH - Sandra Dreike: @gina - the MITF mutations are the same, the notation used by the labs is just slightly different abbreviations for the amino acids
00:43:08 City of Hope - PopSci Conference Room: Kathy is my 2nd mom
00:43:26 City of Hope - PopSci Conference Room: 😊
00:43:36 COH - Kathleen Blazer: And proud of it!
00:44:12 Clinical Cancer Genetics: Reminder: This is our last Working Group session of 2022. The next session will be on January 4th, 2023.
00:44:15 gina shay-zapien: thanks! I remember that from one of the first lectures now!
00:44:18 Dara McKinley FNP-C AGN-BC: I think there is only one MITF mutation that is onpanel correct?
00:44:20 Bita Nehoray (she/her): https://molbiol-tools.ca/Amino_acid_abbreviations.htm
00:44:40 Bita Nehoray (she/her): Some labs do full gene MITF, others may only look at E318K
00:44:59 Dara McKinley FNP-C AGN-BC: got it 😊
00:46:17 Lauren Gima (she/her): Shading for different cancers and legends are always our friend on pedigrees, too!
00:47:11 Clinical Cancer Genetics: Reminder: This is our last Working Group session of 2022. The next session will be on January 4th, 2023.
00:47:24 Clinical Cancer Genetics: CME code for this session: KOGMAY
00:47:33 Robbin Palmer: Fallopina tubes?
00:47:49 Cindy Snyder DNP, ACGN, FNP-C. CBCN: I would be curious to know how Tami's program handle VUSs.
00:47:52 Dara McKinley FNP-C AGN-BC: Happy holidays to all of you!!! 🎄
00:48:37 Robbin Palmer: THX
00:48:42 City of Hope - PopSci Conference Room: 🎅
00:48:48 Tom Lin, MD: It is nothing to do with the case. If the patient has blood malignancy being treated, and needs gremline testing, why needs to skin punch biopsy for fibroblast, not saliva or blood?

00:49:00 City of Hope - PopSci Conference Room: 
00:49:10 COH - Sandra Dreike: Keep in mind with MITF the mutation found in this family is associated with melanoma and not the recessive conditions
00:49:33 Dara McKinley FNP-C AGN-BC: @Sandra is the common MITF mutation associated?
00:49:33 City of Hope - PopSci Conference Room: Tom stay tuned! There is a lecture to come about this closer to the end of the course RE heme malign and skin punch bx
00:49:36 Cindy Snyder DNP, ACGN, FNP-C. CBCN: And who is the ordering provider for the tests done?
00:50:22 Dara McKinley FNP-C AGN-BC: We have a nurse check in with VUS results very 3 years. She checks CLINVAR and gets any updates from family
00:50:40 Bita Nehoray (she/her): Also, NIH has a genomeconnect program
00:50:48 Bita Nehoray (she/her): That patients can participate in
00:51:09 Bita Nehoray (she/her): https://www.genomeconnect.org/en/
00:53:36 gina shay-zapien: base theorem?
00:53:53 Elyssa Zukin: Bayes
00:53:56 Cynthia Hellman-Wylie: Baye's
00:54:03 Tom Lin, MD: If we still have some time, can I ask a case that I just discussed at breast tumor board an hour ago. The oncologist had different opinion from genetic counselor.
00:54:09 COH - Sandra Dreike: Bayesian analysis is the full term
00:54:17 Elyssa Zukin: Thanks Sandra!
00:55:13 Dara McKinley FNP-C AGN-BC: thank you--I was sweating a bit Rachelle
00:55:19 Erica Kessler: Saaaame
00:55:24 Dara McKinley FNP-C AGN-BC: 
00:56:18 Jeffrey Weitzel: Even better, would be the ability to do a “traceback” approach to sequence the archival OC patient tumor.
00:56:26 City of Hope - PopSci Conference Room: SORRY!!!!! HUGS!!
00:56:30 City of Hope - PopSci Conference Room: -Rach
00:56:38 Dara McKinley FNP-C AGN-BC: perfect! No worries
00:58:36 Steve Gruber: Bayes theorem is right in the wheelhouse of genetic counselors and geneticists...you use prior information to calculate the posterior probability that someone is a carrier. Fun to do, actually, and plenty of software to make it easy to calculate. BRCAPro can do the trick.
00:59:37 Steve Gruber: Dr. Weitzel is EXACTLY right. Great point about tumor block testing. Even more informative, when available.
01:00:40 Dara McKinley FNP-C AGN-BC: I want to work with YOU GUYs--so interesting!
01:01:19 Bita Nehoray (she/her): Yes
01:01:37 Bita Nehoray (she/her): Which is why it's just as important to include unaffected individuals in Tyrer Cuzick
01:02:52 Clinical Cancer Genetics: CME code for this session: KOGMAY
01:05:04 City of Hope - PopSci Conference Room: Do we have the panel?
01:05:08 City of Hope - PopSci Conference Room: To know what was included?
01:05:33 City of Hope - PopSci Conference Room: I would try to get a copy of the test report
01:05:34 Cindy Snyder DNP, ACGN, FNP-C. CBCN: Can you request a copy from the lab that performed the test?
01:05:36 Dara McKinley FNP-C AGN-BC: I would make sure she had panel testing--you can also aske the year
01:05:45 Dara McKinley FNP-C AGN-BC: prior to 2015 usually not panel
01:06:00 Bita Nehoray (she/her): But given the gastric cancers in the family, I would hope it was more than a breast panel
01:06:01 Allison Jay: would you do a skin biopsy since she has lymphoma
01:06:06 Christina Rybak: Yes you want documentation that she has had multigene panel testing
01:06:35 Erica Kessler: I've had patients who think they had testing but it was really tumor testing
01:06:38 Christina Rybak: And her MSI/MSS status is relevant
01:06:40 Christine Strub: Sometimes patients say they had genetic testing but it was just MMR-deficency
01:06:45 karco: if she knows what company - you can reach out to the company and actually - I have asked companies if they tested this patient and then had patient request the results

01:06:46 Christina Rybak: possibly
01:08:04 Dara McKinley FNP-C AGN-BC: "When in doubt punch it out"
01:08:12 Dara McKinley FNP-C AGN-BC: I think that was Dr. Churpek
01:08:58 Michelle Willman: If not tested within our health system, maybe request record release for where she may have been tested/genetics/oncology notes. Is she EPIC for checking careEverywhere records
01:09:28 Jeffrey Weitzel: For those interested in more about Traceback concept (also a thank you to CCGCoP members who participated in survey). Delahunty, R., L. et al., TRACEBACK: Testing of Historical Tubo-Ovarian Cancer Patients for Hereditary Risk Genes as a Cancer Prevention Strategy in Family Members. Journal of Clinical Oncology, 2022. 40(18): p. 2036-2047.
Nehoray, B., et al., Cross-sectional clinical cancer genomics community of practice survey analysis of provider attitudes and beliefs regarding the use of deceased family member tissue to guide living family member genetic cancer risk assessment. J Genet Couns, 2022.
01:09:33 Bita Nehoray (she/her): I would put more effort in getting her germline results from 2017 than a skin punch right now
01:09:53 Dara McKinley FNP-C AGN-BC: I agree with Bita
01:10:08 Elyssa Zukin: I agree as well
01:10:13 Cindy Snyder DNP, ACGN, FNP-C. CBCN: Agree!
01:10:40 Bita Nehoray (she/her): and/or find out who was treating her at the time of her testing in 2017 and go to them
01:10:57 Bita Nehoray (she/her): GeneDx may be another
01:11:02 Lauren Gima (she/her): *for cancer germline testing
01:11:33 Bita Nehoray (she/her): Correct, Invitae cultured fibroblast testing is on hold until they set up again
01:11:46 Whitney Sanders: Ambry also does fibroblast testing
01:11:59 Lauren Gima (she/her): yes, they partner with Baylor I think
01:12:04 Clinical Cancer Genetics: Reminder: This is our last Working Group session of 2022. The next session will be on January 4th, 2023.
01:12:14 Nancy Posner: They can offer release form by email to pt
01:12:36 Cindy Snyder DNP, ACGN, FNP-C. CBCN: Happy Holidays!
01:12:57 Dara McKinley FNP-C AGN-BC: Thank you all for a great year!! Can't wait to see you in 2023
01:12:58 City of Hope - PopSci Conference Room: Stay tuned for the update conf agenda coming soon!!!!!
01:13:07 City of Hope - PopSci Conference Room: 😍
01:13:19 Bita Nehoray (she/her): and Gala theme! :D
01:13:25 rkhan019: Happy holidays to everyone! See you soon at the conference!
01:13:33 Dara McKinley FNP-C AGN-BC: yay! Dance party!
01:13:34 COH - John Luna: before next week hopefully
01:13:36 Christina Rybak: woohoo it's gonna be great
01:13:41 Christina Rybak: happy holidays alls