

**International Late Effects of Childhood Cancer Guideline Harmonization Group**  
**London, Great Ormond Street Hospital**  
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Participants: Saro H. Armenian, Edit Bardi, Smita Bhatia (phone), Richard Cohn, Louis S. Constine, Mary Dwyer, Eva Frey, Riccardo Haupt, Melissa M. Hudson, Yasushi Ishida, Leontien Kremer, Alison Leiper, Jennifer Levine, Gill Levitt, Jacqueline Loonen, Miho Maeda, Gisela Michel, Renee Mulder (phone), Paul Nathan, Sheila Pritchard, Elvira van Dalen (phone), Marry van den Heuvel-Eibrink, Wendy van Dorp

1. Saro Armenian presented the formulation of recommendations for cardiomyopathy surveillance harmonization.
  - a. Following consideration of the data derived from additional literature review, consensus was achieved regarding clinical treatment groups predisposing to low, moderate, and high risk of cardiomyopathy, which informed subsequent recommendations for cardiomyopathy screening frequency and counseling related to physical activity and pregnancy.
  - b. Saro Armenian will develop the first draft of the manuscript summarizing the harmonized cardiomyopathy surveillance recommendations. The group concurred that the manuscript would be more meaningful if harmonized surveillance recommendations for all major cardiac outcomes (i.e., adding surveillance for heart valve disorders and coronary artery disease) were included. Saro Armenian will work with a small focus group to expedite this effort.
2. Melissa Hudson and Leontien Kremer provided an update on the status of manuscripts related to the harmonization effort.
  - a. The methodology paper was rejected by the *European Journal of Cancer* and is currently under review by *Pediatric Blood and Cancer*.
  - b. The breast cancer surveillance harmonization manuscript will be submitted to the *Journal of Clinical Oncology* following consideration of the recommendations of the external expert reviewers.
3. The next topic prioritized in the harmonization effort is gonadal toxicity.
  - a. Hamish Wallace and Riccardo Haupt will co-chair the expert panel harmonizing surveillance recommendations for females at risk of gonadal dysfunction.
  - b. Daniel Green and Roderick Skinner will co-chair the expert panel harmonizing surveillance recommendations for males at risk of gonadal dysfunction.
  - c. Leontien Kremer, Melissa Hudson and Renee Mulder will participate in both efforts to facilitate activities and promote adherence to the methodology used for previous harmonization efforts.
  - d. The core leadership group will work with the co-chairs to recruit individuals with critical expertise, e.g., gynecology, urology, reproductive endocrinology, to participate in the expert panels.
  - e. Riccardo Haupt presented a brief overview of the concordances and discordances of the published surveillance recommendations and some potential clinical questions to guide the literature review for female gonadal dysfunction.
4. Leontien Kremer presented the first plans for next steps and proposed a tentative timeline to facilitate completion of a draft of the harmonized recommendations in time for discussion at the PanCareSurFup meeting scheduled mid April in Genoa, Italy and at the 13<sup>th</sup> International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer scheduled June 13-15, 2013 in Memphis, Tennessee.