



The club that was “Built for Fun” and the Beat Sarcoma Foundation brings you a new regatta packed with fun, great sailing and opportunities to support a worthy cancer fighting charity



## Sarcoma Cup June 28-29, 2008 Appendix A

### Sarcoma Statistics.

*(unless otherwise specified, the source is National Cancer Institute)*

#### In the US, **Incidence Rate:**

- One in 330 children will develop cancer by age 20.
- Each school day, 46 children are diagnosed with cancer and 10 with some form of sarcoma
- 12,400 children and adolescents younger than 20 years of age are diagnosed with cancer.
- Every year, over 40,000 children are diagnosed with sarcoma around the world. (source: Candlelight)
- 20% of all childhood cancers are sarcomas
- Sarcomas are uncommon cancers because it primarily affects children and young adults. The highest percentage of cancer occurrences is among the elderly. However, sarcoma destroys many more lives before they have time to blossom, thus contributes to many days that could have been lived if it weren't for cancer.
- New studies released by the Journal of the National Cancer Institute showed that children who survive cancers have an increased risk of developing a secondary sarcoma, compared with the general population:  
Tara Henderson, M.D., of the University of Chicago Department of Pediatrics, and colleagues examined the incidence of secondary sarcomas and the risk factors associated with that risk among the 14,372 participants in the Childhood Cancer Survivor Study. Overall, there were 751 second cancers diagnosed among the participants, 108 of which were secondary sarcomas such as soft tissue sarcoma, malignant peripheral nerve sheath tumors, and osteosarcoma. These sarcomas were diagnosed an average of 11 years after patients were diagnosed with their primary cancer.
- The secondary cancer type most often developed by cancer patients as a side effect of radiotherapy is sarcoma.

#### **Survival Rates:**

- Approximately 2,300 children and adolescents die of cancer each year, which makes cancer the most common cause of disease-related mortality for children 1-19 years of age.

- Cancer accounts for the greatest number of disease deaths of children in the United States and kills more children per year than cystic fibrosis, muscular dystrophy, asthma and AIDS combined.
- Across all age groups, cancer claims twice as many lives as AIDS worldwide. At least 7 million people die of cancer each year and close to 11 million new cases are diagnosed.
- More than 12% of all deaths every year are caused by cancer. That's more than AIDS, tuberculosis, and malaria put together.

#### **Research Facts:**

- Cancer drugs used on children today are cancer drugs that were developed for adults 30 or 40 years ago.
- Sarcoma research is years behind that of other cancer types
- Last year, The National Cancer Institute's (NCI) federal budget was \$4.6 billion. Of that, breast cancer received 12%, prostate cancer received 7%, and all 12 major groups of pediatric cancers combined received less than 3% ...Across all age groups and 50 subtypes of cancer, sarcoma received much less than 1%.
- In January 2007, President Bush cuts a portion of the federal budget to the National Institute of Health. Sarcoma Research took a very hard hit. Southwest Oncology Group shuts down their coalition against sarcoma (ICAS). Eastern Cooperative Group cuts their brain and sarcoma clinical trials.

#### **Supporting sarcoma research will have a huge impact**

- Important funding needs: Sarcomas are hard to diagnose, hard to detect and hard to treat. Biopsy is the only diagnostic tool and surgery often the only curative treatment. Many sarcomas resist current cancer treatments.
- High return on funds: Sarcoma research is still at the beginning of the learning curve. The incremental value of every dollar is high. Donors and sponsors can make a noticeable impact
- Far-reaching benefits: BeatSarcoma favors fundamental translational and early clinical research as opposed to late clinical trials. The funding needs there are greater and the benefits far-reaching.
- No "tax" levied on donations: Currently, 100% of funds raised support sarcoma research.
- Complete Transparency: BeatSarcoma publishes all relevant financial and medical information.
- Powerful Focus: In order to reach efficiencies of scale and a greater impact, BeatSarcoma is focused on sarcoma-related issues.

- Global coverage: Sarcoma recognizes no border and BeatSarcoma works across all of them
  
- Relevance:
  - BeatSarcoma works with leading institutions to identify high impact projects and will fund the most promising and far-reaching programs, regardless of where it is hosted.
  - BeatSarcoma is organized around the idea of racing and sailing.
  - BeatSarcoma's founder is an active local sailor