

LONG-TERM FOLLOW UP AFTER CHILDHOOD CANCER

Why is this important?
What are the consequences?
Where are we going?

SURVIVORSHIP

In 2004, the CDC and the Lance Armstrong Foundation (now known as LiveSTRONG Foundation) released "A National Action Plan for Cancer Survivorship: Advancing Public Health Strategies".

- Preventing secondary cancers and recurrence of cancer
- Promoting appropriate health management to ensure the maximum years of healthy life for cancer survivors
- Minimizing preventable pain, disability and psychosocial distress for survivors

www.cdc.gov

WHY IS THIS IMPORTANT?

12% OF CHILDREN DIAGNOSED WITH CANCER DO NOT SURVIVE.

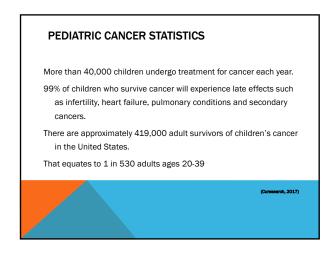
CURESEARCH, 2017

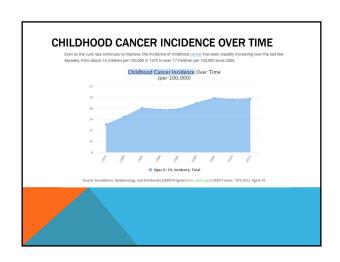
WHY IS THIS IMPORTANT?

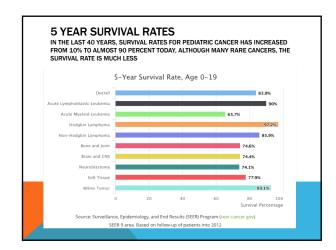
Although cancer in children is rare, it is a significant problem.

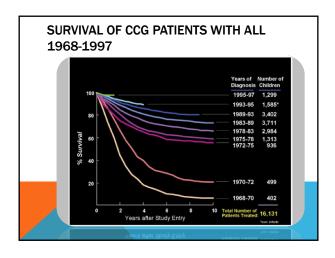
The cancer and the therapy can cause damage to normal tissues.

As more children survive cancer, there is a growing number of long-term survivors.

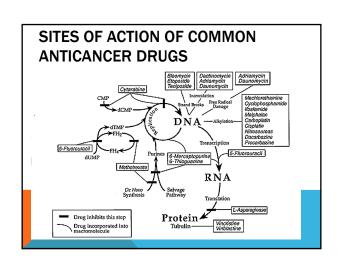


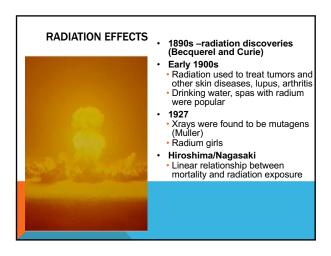


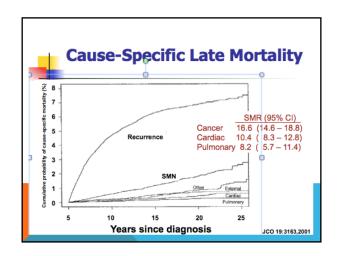


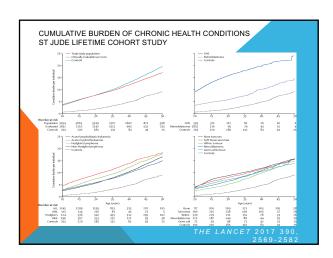


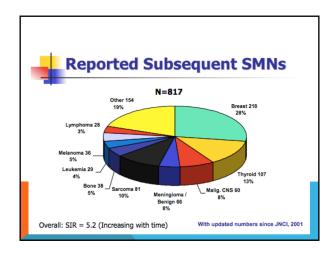


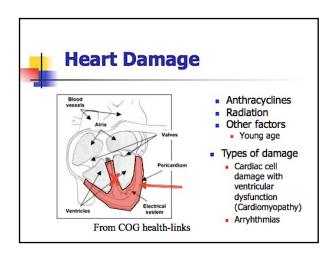


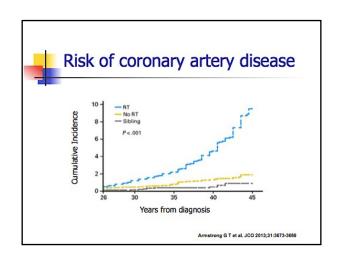


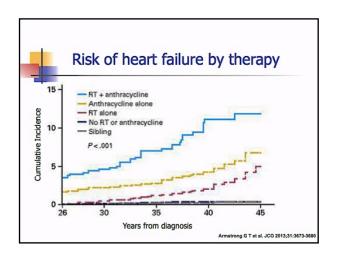


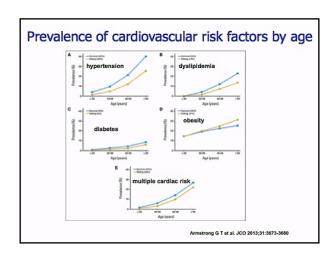


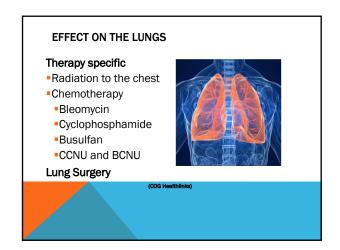


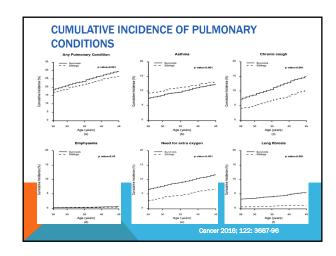


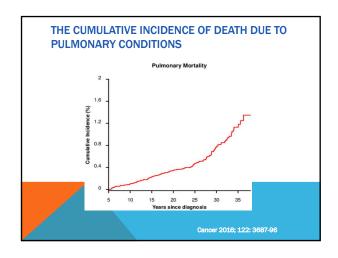


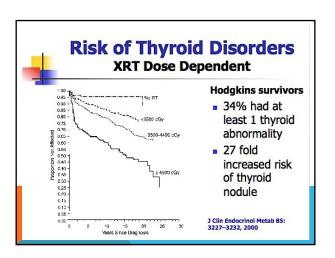


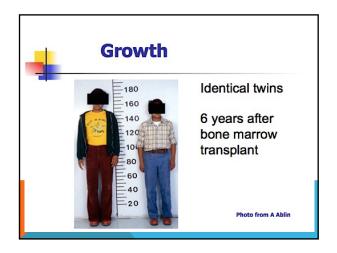


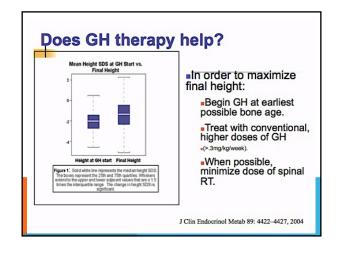


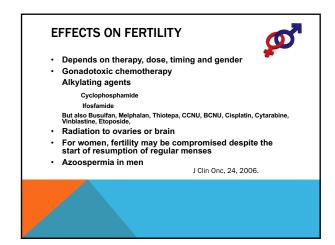


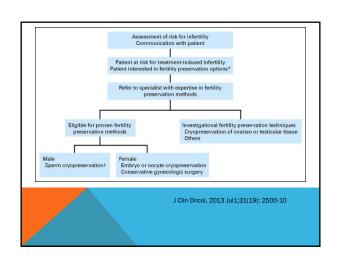


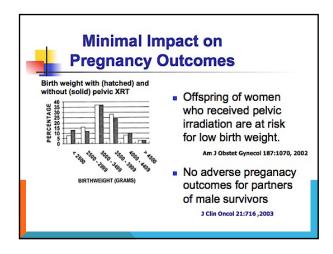


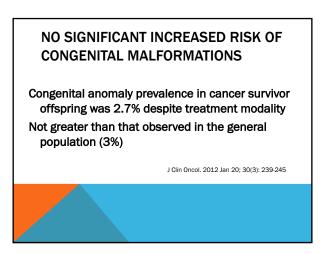


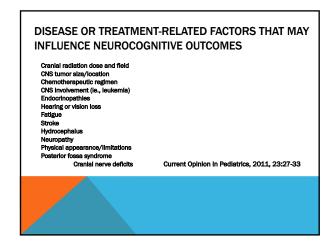


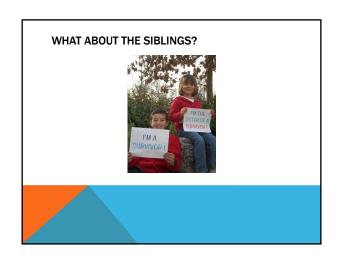




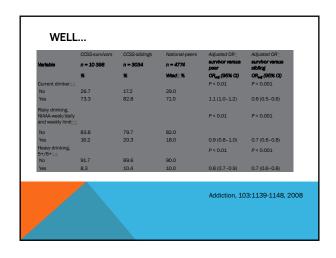


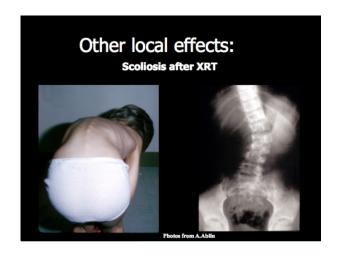


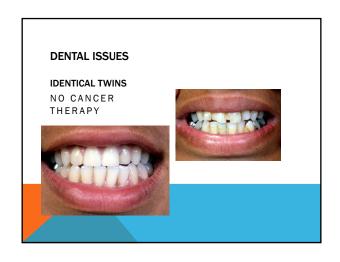




DRINKING BEHAVIORS IN ADULT SIBLINGS OF CHILDHOOD CANCER SURVIVORS Adult siblings of childhood cancer exhibit higher rates of high-risk behavior and heavy alcohol consumption compared to both peers and survivors







WHY IT MATTERS...

Patient EH

Now 28yo female who was dx with Wilm's Tumor in right kidney in Oct. 1994 at 5yo in Southern California

Treatment: right nephrectomy; 1050 cGy to entire abdomen; Vincristine, Dactinomycin, Doxorubicin – tolerated tx regimen well

Acute side effects: unresolved n/v; scoliosis

Moved to Bay Area and self-referred to UCSF Survivor clinic after an incidentally finding website on internet search

Late effects as of 2017: pancreatitis, diabetes, ovarian failure, anxiety, osteopenia with stress fractures, peripheral neuropathy severe itching, burning with sores (dermatologist finally started Gabapentin after untreated for several months), Cushing syndrome, unresolved mod-severe n/v (blood and coffee ground), liver lesion presumed to be a benign mass by PMD

GOAL OF CARE PLAN

To anticipate and address the long-term physical, psychosocial, and practical needs of a cancer survivor's prior cancer treatment

SURVIVORSHIP CARE PLANS

In 2016, the Commission on Cancer (CoC) announced in new Survivorship Care Plan requirements

- They must be patient and treatment specific
- To anticipate and address the long-term physical, psychosocial, and practical needs of a cancer survivor's prior cancer treatment
- The goal of the care plan is to bridge from the oncology setting to a primary care setting.... And educate and empower the cancer survivor!

SURVIVORSHIP CARE PLAN

Concise and clear document that includes:

- Pt. name, diagnosis, date of diagnosis, protocol, start and end of treatment
- List of chemotherapy drugs and radiation along with doses
- Surgeries
- Specific guidelines for ongoing lifetime care along with surveillance testing (ECHO, PFTs...)

 Health promotion smoking cessation, nutrition/dietary
- modifications, exercise, immunizations
- Psychosocial assessment and referrals to include emotional health, school aid, employment assistance

www.survivorshipguidelines.org

PORTABLE, ALWAYS ON HAND... ACROSS AMEDICA



UCSF SURVIVOR PASSPORT A CREDIT CARD-SIZED SUMMARY



FUTURE DIRECTIONS...

Treatments developed and refined over the past several decades have resulted in high cure rates and a large population of leukemia survivors. Studying the long-term health complications of these adult survivors will help to develop less toxic treatments while preserving earlier gains in efficacy.

NCI.gov

Advances in biomedical technology, immunotherapy and next-generation genome sequencing of leukemic cells and normal host cells, and high-throughput screening systems for new drugs should bring the promise of personalized treatment with targeted agents to fruition, resulting in more effective and less toxic treatments for patients with ALL.

Recent genome-wide association studies have begun to identify a number of inherited polymorphisms which are associated with the risk of childhood ALL in different ethnic and racial groups, paving the way for development of potential preventive measures, at least for certain subtypes of leukemia.

NCI.gov

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