

Ashley Choe

SCHOOL	Kirtland High School · Kirtland, Ohio
PROGRAM	Science Internship
MENTOR	Frank Papay, MD
DEPARTMENT	Dermatology and Plastics Institute, Cleveland Clinic



Research: Multicentric Myofibromatosis 15 Years After Initial Presentation

Hypothesis: Myofibromatosis is a rare fibrous tumor distinguished by its benign nature and tendency to involute and regress on its own. Typically images (MRI, CT, etc.) are taken of the myofibroma site to identify its location, while multiple tumors can be detected through fully body imaging. The current study was undertaken to assess risk of tumor reappearance based on the initial presentation.

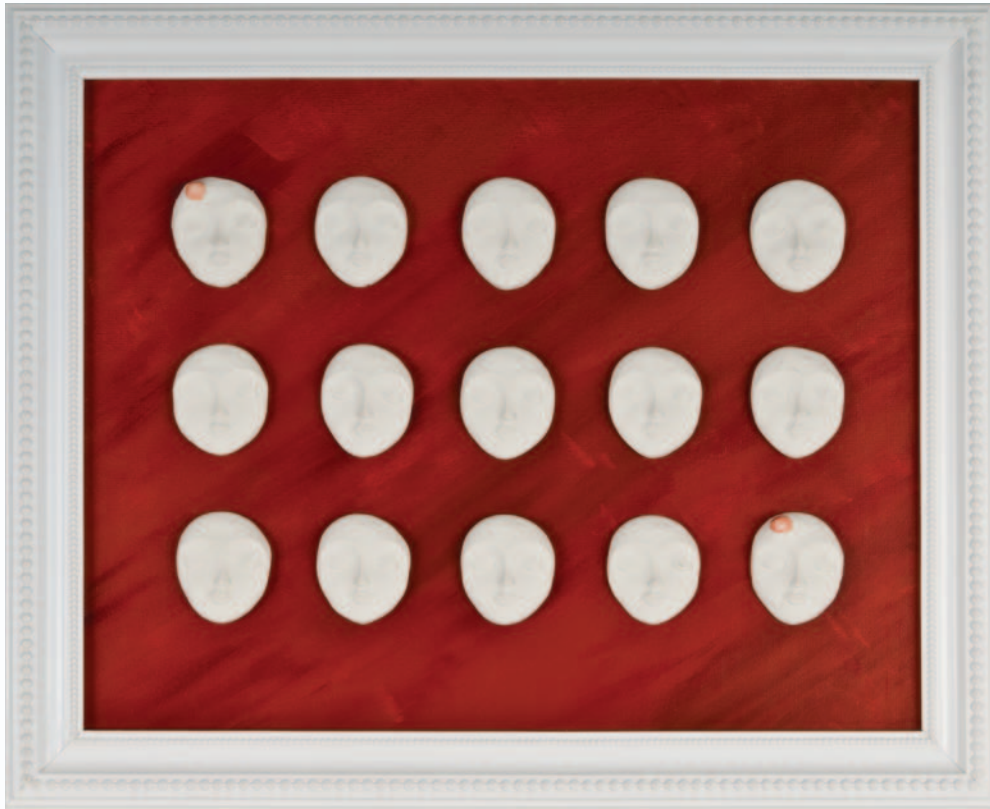
Methodology: Over 15 published case studies were analyzed, involving 58 patients diagnosed with some form of myofibromatosis. Patient data were organized by gender, age of initial onset, visceral involvement, solitary or multicentric, recurrences, reappearances, tests/treatments, locations, and any change from the original diagnosis. The data were analyzed to assess risk and probability of visceral involvement and reappearances later in life.

Outcomes: 12% of the patients in this study had reappearances, and of this twelve percent, 29% of these reappearances involved viscera. Of all those reappearances that involved viscera, 100% had involved viscera in the initial diagnosis. The analysis suggests that full body imaging and testing should be administered periodically for an extended time frame, especially to establish decreased risk for visceral involvement later in life.

AWARD	Blue Ribbon
ARTIST	Grace Kelemen
SCHOOL	Kirtland High School
CITY	Kirtland, Ohio
TEACHER	Cliff Novak
INTERN	Ashley Choe
TITLE	15 Years
MEDIUM	Multi-Media

ARTIST'S STATEMENT

The bold tonal contrasts in my piece are representative of the uncertainty, random variance, and ambiguity associated with the patient's rare case of myofibromatosis. The warm, fiery colors chosen imply the patient's feelings of uncertainty about the risk of additional illness. Each of the fifteen identical white masks stands for an individual year of the girl's life, two of which are plagued with an artistic interpretation of a tumor. The stark textural and chromatic comparisons in my project are indicative of the very technical, medical nature of the condition, but the realistic faces included demonstrate the humanity of the patient.



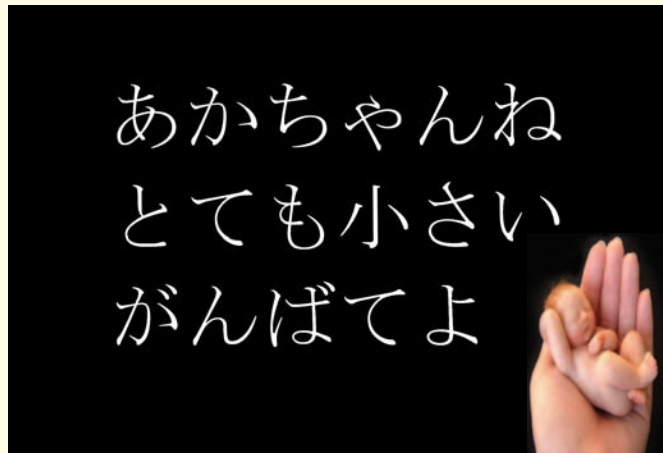
AWARD	White Ribbon
WRITER	Ashley Choe
SCHOOL	Kirtland High School
CITY	Kirtland, Ohio
TEACHER	Vickie Mitchell
INTERN	Ashley Choe
TITLE	<i>Impaired Sunrise</i>
GENRE	Haiku

WRITER'S STATEMENT

The direct translation of the Japanese haiku is: Sunshine, it's bright, and I'm sick. The pronunciation is "Hee-no-dae-de-su, hee-ata-ree-ga-ee-ee, bi-yo-kee-ga-sa." The English poetic translation is in the bottom right-hand corner. I chose this haiku to describe the child's life before the appearance of the second tumor. She was a fifteen-year-old girl whose life was just beginning. The "sun was rising" in her life. Her future is "bright." She has her whole life ahead of her, but she is sick again. The picture is that of a sunrise, with the sun brighter than the rest of the picture. This indicates that no matter the state of the environment of her body, hope is still bright on the horizon.



retrieved on 11/07/08 from <http://www.wallpaperbase.com/landscape-sunrise.shtml>, <http://bartcentral.dommel.be/Landscape/Sunrise%20over%20Zottegem.jpg>



*The baby
So very small
Keep on fighting.*

<http://pjlighthouse.com/wordpress/wp-content/uploads/2007/11/little-baby-art>

AWARD	Honorable Mention
WRITER	Mary Traxler
SCHOOL	Kirtland High School
CITY	Kirtland, Ohio
TEACHER	Vickie Mitchell
INTERN	Ashley Choe
TITLE	<i>Baby Haiku</i>
GENRE	Haiku

WRITER'S STATEMENT

It is a simple haiku that relates to the intern's project.