



# New Program Speeds Up Cancer Research in Humans & Dogs

*Studying sarcoma together, vets & doctors hope to make advances up to 5 times faster*

The Ohio State University Comprehensive Cancer Center

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<b>SUGGESTED TEASE</b>	STILL TO COME, HOW MAN - AND MAN'S BEST FRIEND- ARE TEAMING UP TO BATTLE CANCER TOGETHER. A NEW PROGRAM THAT COULD SPEED UP CANCER RESEARCH DRAMATICALLY, NEXT IN HEALTH NEWS.
<b>ANCHOR LEAD</b>	DOGS ARE AFFECTIONATELY KNOWN AS MAN'S BEST FRIEND, AND NOW THERE ARE EVEN MORE REASONS TO APPRECIATE OUR FURRY FRIENDS. A NEW PROGRAM IS UNDERWAY THAT MAKES RESEARCH ON A CERTAIN TYPE OF CANCER UP TO 5 TIMES FASTER THAN TYPICAL - ALL THANKS TO A PARTNERSHIP BETWEEN PEOPLE AND THEIR PETS. CLARK POWELL EXPLAINS.
	(Nats -Dugan pitching) :02
<b>CG: Courtesy: The Ohio State University Comprehensive Cancer Center</b>  Shots of Dugan pitching  Shot of Dugan in exam	WATCHING DUGAN SMITH PLAY BASEBALL, YOU'D NEVER KNOW WHAT ALL HE'S OVERCOME. DIAGNOSED WITH A BONE CANCER KNOWN AS OSTEOSARCOMA AS A CHILD, DUGAN UNDERWENT RADICAL SURGERY IN WHICH DOCTORS REMOVED, ROTATED AND REATTACHED HIS LEG. FOR PATIENTS LIKE DUGAN, THERE AREN'T MANY OPTIONS. :15
<b>CG: Dr. Joel Mayerson The Ohio State University Comprehensive Cancer Center</b>	"We haven't had a new drug in osteosarcoma in over 30 years. So we really haven't had a huge jump in survival in 30 years." :07
Shots of woman with dog	IN AN EFFORT TO INCREASE TREATMENT OPTIONS, A NEW CANCER RESEARCH PROGRAM IS UNDERWAY DESIGNED TO HELP <i>PEOPLE</i> BY WAY OF OUR <i>PETS</i> . :07
<b>CG: Cheryl London, DVM, PhD Ohio State's College of Veterinary Medicine</b>	"Dogs get a lot of sarcoma. And many of the sarcomas we see in dogs really look identical to the sarcomas that are seen in people." :08
Shots of vets with dogs  Shots of researchers in lab	SO, VETS HERE HAVE TEAMED UP WITH DOCTORS AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER AND NATIONWIDE CHILDREN'S HOSPITAL. USING ONE OF THE LARGEST BANKS OF SARCOMA TISSUE IN THE NATION, THEY HOPE TO SPEED UP THE RESEARCH PROCESS. RIGHT NOW, IT CAN TAKE 10 YEARS TO DEVELOP

Shots of vet with dog	DRUGS FOR HUMANS. DOGS ARE A GOOD COMPARATIVE MODEL FOR HUMAN CANCER, BUT STUDIES TAKE A FRACTION OF THE TIME. :20
<b>Dr. London (CG'd earlier)</b> 1.25.10 - 1.25.21	“So, in 2 to 3 years you have an answer and then you don't have to lose that time on the human side. Makes a very big difference in terms of impacting how clinical trials are run on the human side.” :11
Shots of Dugan in exam with doctor	AND COULD LEAD TO THE FIRST NEW ADVANCES IN OSTEOSARCOMA TREATMENT IN GENERATIONS. :04
<b>Dr. Mayerson (CG'd earlier)</b>	“Once we know they help in dogs and we know the biology of osteosarcoma is pretty similar, we then can take that into the human world and hopefully begin human trials.” :08
Shots of Dugan on the mound  Shots of Dugan in exam	IT'S AN APPROACH DUGAN THINKS COULD BE A GAME-CHANGER. IN THE MEANTIME, WHEN HE'S NOT ON THE MOUND, HE'S MENTORING YOUNG PATIENTS FACING SURGERIES SIMILAR TO HIS. :08
<b>CG: Dugan Smith</b> <b>Bone cancer survivor</b>	“This changed my life and I look at life differently now and I feel like I need to help people and that's why I'm here today.” :07
Shots of woman with dog	AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER, THIS IS CLARK POWELL REPORTING. :04
<b>ANCHOR TAG</b>	THIS COLLABORATION IS THE NEWEST AND ONE OF THE LARGEST COMPARATIVE ONCOLOGY PROGRAMS IN THE U.S. RECENTLY THE NATIONAL CANCER INSTITUTE AND MANY PHARMACEUTICAL COMPANIES OFFICIALLY ACKNOWLEDGED THE SIMILARITIES IN SARCOMAS IN DOGS AND HUMANS. THAT'S HELPING TO NOT ONLY ACCELERATE THE PACE OF RESEARCH, BUT MAY ALSO HELP FUNNEL RESEARCH FUNDING INTO THOSE EFFORTS AS WELL.
 <b>Share it! Suggested tweet:</b>	See how doctors <a href="#">@OSUCCC_James</a> are teaming up with vets to speed up cancer research for people and pets: <a href="http://bit.ly/27Awd3H">bit.ly/27Awd3H</a>
 <b>Suggested post:</b>	Here's another reason dogs are man's best friend - they are helping to speed up the research process for certain types of cancer in humans. Vets at The Ohio State University College of Veterinary Medicine are teaming up with doctors at The Ohio State University Comprehensive Cancer Center to look for new ways to treat cancers called sarcomas. Developing and testing drugs in humans can take a decade or more. But by working simultaneously to help people and our pets, research can be up to 5 times faster. To learn more about the program click here: <a href="http://bit.ly/27Awd3H">bit.ly/27Awd3H</a>
	<b>Extra Bites</b>
<b>CG: Dr. Joel Mayerson</b>	<i>Mayerson talks about the comparative oncology program -</i>

<p><b>The Ohio State University Comprehensive Cancer Center</b></p>	<p><i>“We're hopeful that this comparative oncology program is going to take the national repository, our high volume in the vet school and be able to give us a new chemical that we can test in the dogs that is going to be the translational step to the next advancement in the kids”</i></p> <p><i>Mayerson talks about the frequency of osteosarcoma in dogs -</i>  “Dogs get osteosarcoma with a higher frequency than people do. About 700 to 800 people get osteosarcoma per year in the United States, there are about 200 dogs per year that get treated just at our veterinary hospital.”</p> <p><i>Mayerson talks about the unique approach to this particular program -</i>  <i>“I'm not sure really anywhere else in the country that has a children's hospital, an adult cancer hospital and a vet school in sarcoma that are collaborating so closely.”</i></p>
<p><b>CG: Cheryl London, DVM, PhD Ohio State's College of Veterinary Medicine</b></p>	<p><i>London talks about similarities in cases in humans and dogs -</i>  “<i>We can learn from dogs with cancer about new therapies, critical information that can then help really leverage and apply this to the human side.</i>”</p> <p><i>London talks about active studies currently taking place -</i>  “<i>In fact, we have 2 studies ongoing right now that are looking at novel therapies to treat spread of osteosarcoma. They're being studied in dogs first, and then they will be moved into people if they're successful.</i>”</p> <p><i>London talks about contributions of dogs in cancer research -</i>  “<i>They're companions for us, but one day they may save your life, not because they're guiding you as guide dog, but because they've participated in a clinical trial of a new drug that then is used on you. So they save our lives in a very different way now.</i>”</p>
<p><b>CG: Dugan Smith Bone cancer survivor</b></p>	<p><i>Smith talks about his experience with osteosarcoma -</i>  “<i>This changed my life and I look at life differently now and I feel like I need to help people and that's why I'm here today.</i>”</p> <p><i>Smith talks about counseling others facing surgery -</i>  “<i>I think I helped change four people's minds to get the surgery, just because - people don't really know - when you think about it you're like I have no idea what that is, it looks bizarre.</i>”</p> <p><i>Smith talks about making the best of his survival -</i>  “<i>They say God has a reason for everything and I think this is why I was put on earth is to help people.</i>”</p>
<p><b>Producers &amp; Reporters:</b></p>	<p><b>To download scripts, video and photos go to:</b>  <a href="http://osuwmc.multimedianeewsroom.tv">http://osuwmc.multimedianeewsroom.tv</a></p>

**For viewer information on this story contact:**

The Ohio State Comprehensive Cancer Center - James Cancer Hospital & Solove Research Institute  
The James Line: 1-800-293-5066

Log onto <http://www.cancer.osu.edu> - click on "Media Room"

Produced by:



1800 West 5th Ave.

Columbus, Ohio 43212

Phone: (614) 932-9950 Fax: (614) 932-9920

[www.mediasourcetv.com](http://www.mediasourcetv.com)

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**Media Relations Department: (614) 293-3737**