

Script for ESOcast Light 244: Finding the Stars that Help with Our Dental Health

ESOcast Light 244	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: Finding the Stars that Help with Our Dental Health	
<p>1. A new discovery is shedding light on how fluorine is forged in the Universe.</p> <p>The element is found in our bones and teeth as fluoride.</p>	
<p>2. Using ALMA, astronomers have spotted it in a galaxy so far away its light has taken over 12 billion light years to reach us.</p>	
<p>3. We see the galaxy as it was when the Universe was only 1.4 billion years old...</p> <p>...meaning fluorine was produced quickly after the Big Bang.</p>	
<p>4. This suggests short-lived stars known as Wolf-Rayet are the most likely birthplace of this element.</p>	
<p>5. <i>"We have shown that Wolf-Rayet stars (...) help us, in a way, to maintain good dental health!"</i> Lead-author M. Franco, U. Hertfordshire (UK)</p>	
[Outro]	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>
	<p>Also interesting: https://www.youtube.com/watch?v=_spfSRxR4IQ and</p>

	https://www.youtube.com/watch?v=BpTZbOfLUaM
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