





The Wild World Zofa Vet

by Ruth Owen

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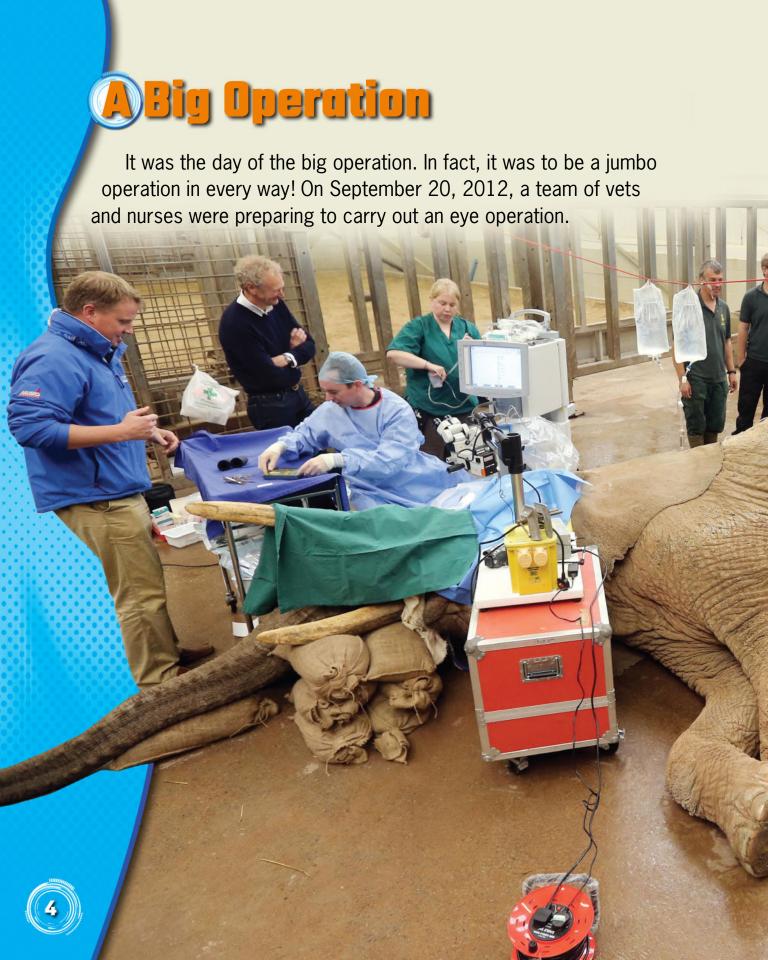
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A) Team Effort for Duchess

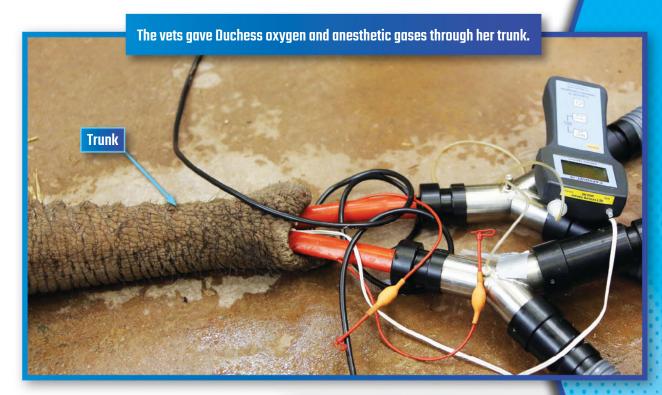
As Duchess the elephant slept, veterinary **ophthalmologist** Jim Carter began the operation. An ophthalmologist is a vet or doctor who is an expert at treating eye diseases and problems.

To treat Duchess's cataracts,
Jim used an ultrasonic
handpiece. This tool makes
tiny vibrations. The vibrations
broke up the cataracts, or
cloudy parts of the eye's
lens. Then Jim used
another tool to suck the
damaged tissue from
the eye.

During the
operation, vets and
nurses monitored Duchess's
heartbeat and breathing. Each
time she breathed out, they
measured the amount of carbon
dioxide gas in her breath. This
told the team if Duchess was
breathing normally or
needed help.

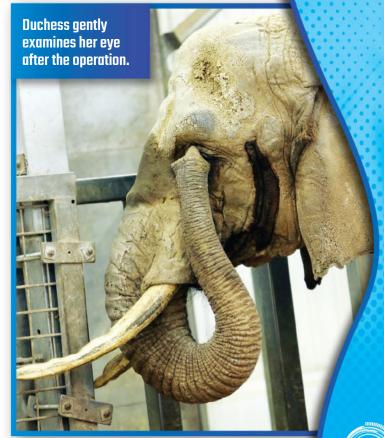
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After nearly three hours, the operation was complete. Duchess was given another injection. This one contained a chemical to wake her up.

As the elephant wobbled to her feet, everyone breathed a sigh of relief. Thanks to the skills of the veterinary team, not only had Duchess survived the operation, but now she would be able to see again!



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The Wild World Vet

How do you fix a giant tortoise's damaged shell? What could cause a red river hog to unexpectedly lose weight? And how do you perform an eye operation on an elephant? It's all in a day's work for a busy zoo vet.

Each day, zoo vets are hard at work dealing with emergencies, performing operations, and keeping some of the world's rarest animals healthy. From microchipping a baby Komodo dragon to taking an X-ray of a tiger's leg, zoo vets use technology and their science skills to take care of zoo animals—big and small!

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