

Personalized cancer treatment  
is now more accessible.



**TORIGEN<sup>®</sup>**



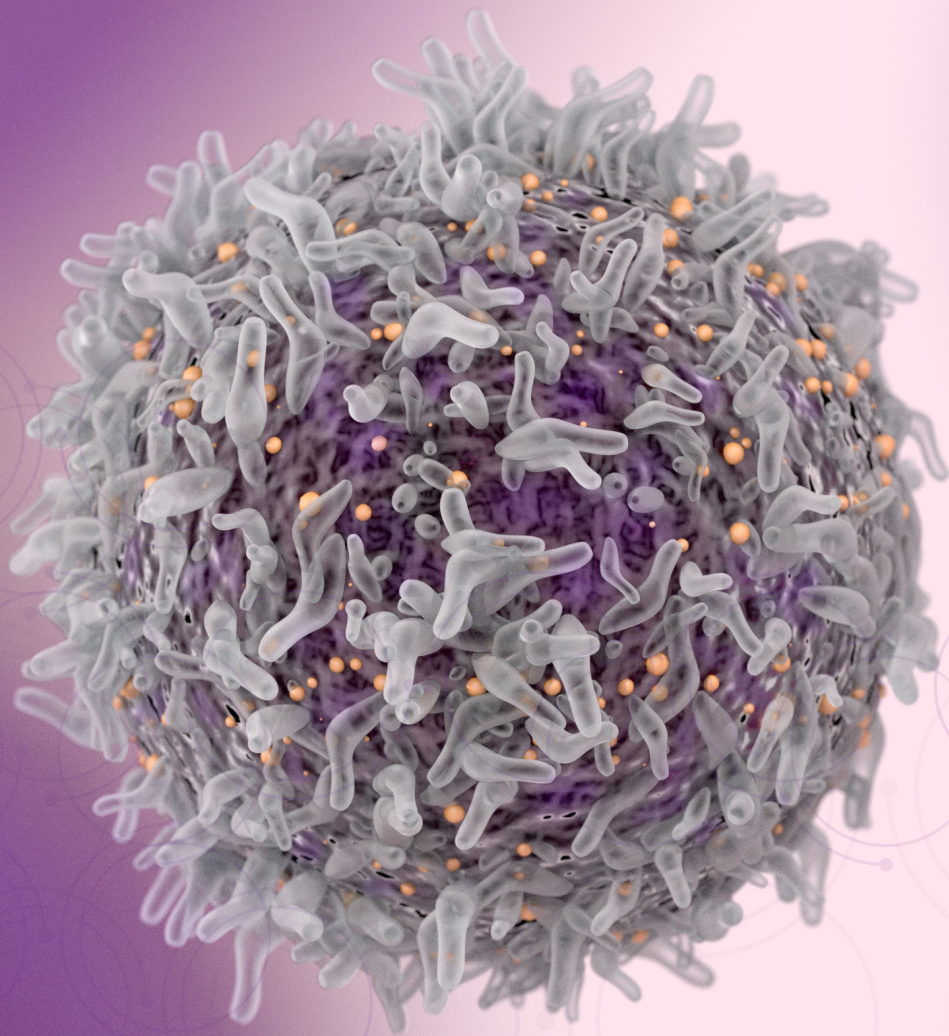
# Cancer treatment is within reach for you and your patients.

When current treatment options aren't right for pets with cancer, Torigen offers a different solution. We're making personalized cancer treatment accessible for you and your clients. This new approach is tailored for each patient and helps in the fight against cancer.



**Torigen makes it possible.**





## Immunotherapy for your practice.

Torigen offers an autologous prescription product for dogs and cats that uses the animal's own tumor cells to create a personalized immunotherapy. It comes with a simple protocol, and can be used alone or with traditional cancer treatments. Now, you can offer a personalized cancer treatment at an affordable price, all within your practice.

## Changing the way cancer is treated.

Cancer can be difficult to treat because tumors produce antigens that affect the body's own natural immune surveillance mechanisms for identifying and destroying foreign cells. Immunotherapies are gaining traction as a new way to approach cancer treatment in both the human and veterinary market.

## The science of tissue vaccines.

Torigen has 10+ years of supporting pre-clinical research behind our treatment, a whole cell tissue vaccine. Because this therapy is produced directly from harvested tumor material, it avoids distortion of the antigenic menu that can result from in vitro culture. This allows for a variety of tumor-associated antigens to be presented to the immune system, which may increase the likelihood of a successful response.

So far, more than 500 companion animals have been treated with our autologous prescription product. Please contact Torigen for data profiles of the tumor types treated to date.

**If you have a pet that you are treating and you want tumor-specific data, please email us at [info@torigen.com](mailto:info@torigen.com).**



# Torigen can help you make a difference.

Our treatment is a whole cell tissue vaccine, which works by generating specific adaptive immunity to both tumor cells and altered host tissues.

## Broad Spectrum

- Contains a variety of antigen targets for the immune system.

## Diverse Applications

- Includes the necessary components to potentiate an immune response against multiple cancer types.

## Affordable

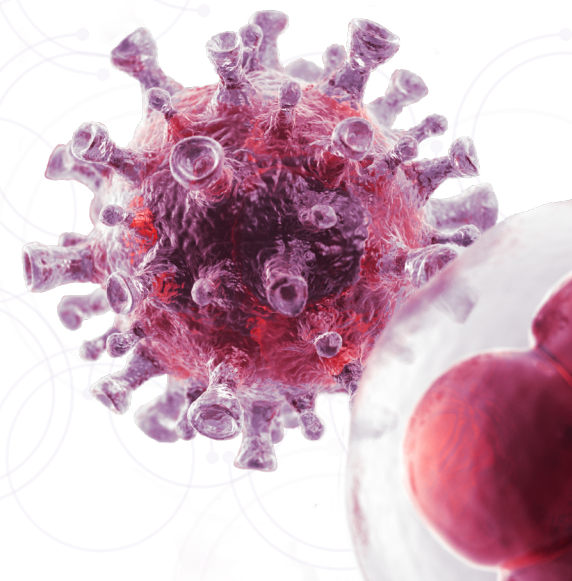
- Considerably less expensive when compared to other available cancer treatment options.



# Eligibility criteria.

In order to create the treatment for your patient, the tumor must meet the following criteria.

- Pathology has confirmed cancer diagnosis
- Tumor can be surgically excised to create an ideal sample that is:
  - Collected from the margin of the tumor
  - Made of pseudocapsule and non-necrotic tissue
  - At least 2-5 grams (1-5 cubic centimeters)
- Cancer has been diagnosed as:
  - Anal Sac Adenocarcinoma
  - Fibrosarcoma
  - Mast Cell Tumors
  - Melanoma
  - Soft Tissue Sarcoma
  - Carcinoma
    - Basal Cell
    - Hepatocellular
    - Nasal
    - Mammary
    - Squamous Cell
    - Transitional Cell



The mechanism of action for this immunotherapy is currently being studied in clinical patients. However, rodent studies demonstrate that our approach stimulates a Th1 directed immune response of immunostimulatory cytokines. These then activate CD8+ cytotoxic T cells against deactivated tumor-associated antigens to recognize the tumor as foreign.

This is the moment  
you and Torigen can  
make a difference  
for a cancer patient.



## Easy Three-Step Process

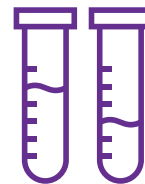
Once you've determined the tumor meets the eligibility criteria, it's time to collect a sample so we can create the treatment for your patient.



**1**

Excise the tumor and send it to our lab using our pre-paid overnight shipping service.

NOTE: The tumor sample must be kept cold and not formalin fixed.



**2**

We prepare the personalized vaccine and send it back to your clinic within 72 hours via overnight shipping.



**3**

You administer the personalized treatment by subcutaneous injection every week for three weeks.

The patient is monitored for just 30 minutes after vaccination, so it's easy for your clients to fit treatment into their schedule.



## Get dedicated support.

Our treatment is backed by a team of experts in immunotherapy research and development, as well as veterinary oncology and surgery. We're here to support you at every step of the process, from tumor collection to post-treatment care and follow-up.

## Add another tool to your toolbox.

### Request a Tumor Collection Kit.

Contact us to order your kit free of charge. You'll receive instructions and additional information regarding treatment.

**NOTE: The tumor sample must be kept cold and not formalin fixed. Please ship the tumor using the ice pack provided in the kit.**

Visit [torigen.com](http://torigen.com)

Email [info@torigen.com](mailto:info@torigen.com)

Call 860-519-9956





# Exciting potential for pets with cancer.

Torigen Autologous Prescription Product works by stimulating an immune response that targets cancer cells specific to the patient, allowing for a variety of tumor associated antigens to be presented to the immune system. This abundant choice of antigens may increase the likelihood of a successful response.



# TORIGEN<sup>®</sup>

**Notice!** For experimental use only.

Autologous Prescription Products created by Torigen Pharmaceuticals, Inc. are regulated by the USDA Center for Veterinary Biologics. For use under supervision/prescription of a licensed veterinarian. Safety & efficacy have not been established.