



TOPLINES

SEPT/OCTOBER 2026

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Officers 2026

President: Sue Quinn
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Treasurer: John Schauer



MSCM TCM Specialty Results—Sept. 25, 2026

Best in Sweeps: Sercatep's Addi-tude, Debbie Herrell

Winners Dog, Best of Winners: Enduro Impact, Jennifer Krawchuk

Reserve WD, Best Puppy, Puppy G1: Minuteman Over The Target, Kate McMillan

Winners Bitch: Scandals Jolene, L Gail Wilford

Reserve WB, BBE, BBEG4: Stonewood Kelsey Till The Wheels Fall Off, Karla Hench

Best of Breed, G4: GCH Minuteman Sea The Stars, Kate McMillan & Kenneth Allen.

Best of Opposite: Manit's First Class To Sercatep, Debbie Herrell

Select Dog & BOBOH: GCHS CH Southcross Been Smiling Since U Left OHP BCAT

Select Bitch: GCHB Stonewood She Bee Stingin' Laila, Karla Hench

MSCM Specialty Results-Sept. 25, 2026

Winners Dog, Best of Winners: Minuteman Over The Target, Kate McMillan. **Reserve WD:** Wards Creek's Always In Style, Gale Schnetzer. **Winners Bitch:** Ernhart Here Comes The Rayne STR, Chelsea Giese & Leslie Giese. **Reserve WB:** Scandals Jolene, L Gail Wilford.

Best of Breed: GCH Minuteman Sea The Stars, Kate McMillan & Kenneth Allen. **Best of Opposite Sex:** GCH King N Tajinastes Lost In Translation, Jana King/Luis Martin/Del & Pedro Martin Del Rio. **Select Dog:** GCH CH Montage Braveheart, Beverly Barrone & Erica Barrone. **Select Bitch:** CH Mani's First Class To Sercatep, Debbie Herrell.

Fanconi Syndrome in Dogs

Malcolm Weir, DVM, MSc, MPH; Krista Williams, BSc, DVM, CCRP; Robin Downing, DVM, DAAPM, DACVSMR, CVPP, CRPP

What is Fanconi syndrome?

Fanconi syndrome affects the kidneys. The kidneys perform many critical functions in the body: they regulate fluid balance, filter toxins from the blood, excrete waste products, and balance the concentration of many different compounds. Fanconi syndrome refers to the abnormal function of a part of the kidneys called the tubules, which normally reabsorb water, electrolytes, and nutrients that are critical to normal metabolic function.

In dogs with Fanconi syndrome, the tubules do not properly reabsorb electrolytes and nutrients; instead, they allow them to spill back into the urine and be expelled. The electrolytes and nutrients excreted in excess include the following:

- Sodium
- Potassium
- Glucose (sugar)
- Phosphate
- Bicarbonate
- Amino acids

Inherited Fanconi syndrome has been reported in several dog breeds, but the vast majority of reported cases have occurred in basenjis. Approximately 10% – 16% of basenjis in North America are affected. In this breed, the condition is inherited as an autosomal recessive disease. This condition has also been associated with the Irish wolfhound, miniature schnauzer, Norwegian elkhound, and Shetland sheepdog.

Affected individuals may exhibit signs of Fanconi syndrome as early as 11 weeks of age, but typically, clinical signs emerge from 4 to 7 years of age. Ultimately, kidney failure develops in these dogs. Males and females are equally affected.

Acquired (not inherited) Fanconi syndrome can occur secondary to certain infections (like leptospirosis), low parathyroid hormone levels, and toxin ingestion.

What are the clinical signs of Fanconi syndrome?

The signs of Fanconi syndrome vary depending on the severity of nutrient loss and whether kidney failure has developed. Excessive drinking and urinating are the most common clinical signs. Dogs with Fanconi syndrome may lose weight, despite eating normally. As the disease progresses, affected dogs develop poor body condition and may experience decreased appetite and lethargy. Rarely, very young dogs can develop Fanconi syndrome, and these dogs have abnormal bone development.

How is Fanconi syndrome diagnosed?

There are no specific tests for Fanconi syndrome, and diagnosis depends on several factors. Basenjis who drink and urinate more than normal raise suspicions. Fanconi syndrome is also suspected if there is glucose in the urine but normal levels of glucose in the blood. In fact, this glucose disconnect is often the first suggestion of Fanconi syndrome, preceding other laboratory markers. Additionally, about 1/3 of cases develop low blood potassium levels.

How is Fanconi syndrome treated?

There is no way to reverse the abnormal reabsorption of solutes that occurs in Fanconi syndrome. Management of this disease must be individualized to the patient and depends on the severity of the reabsorption defects. Treatment may include potassium supplementation, nutritional management of kidney disease, and support of normal acid-base balance in the body.

What is the expected outcome for dogs with Fanconi syndrome?

The clinical course of Fanconi syndrome varies, so it is important to perform blood tests every couple of weeks initially to assess the effects of treatments. Once the values are stable, these tests will be rechecked every two to four months.

Some dogs remain stable for years, but others may develop rapidly progressing kidney failure over just a few months. Most dogs with Fanconi syndrome ultimately die of end-stage kidney failure. The variability among Fanconi patients emphasizes the need for regular, ongoing monitoring of metabolic function via laboratory tests.

In dogs with acquired Fanconi syndrome, prognosis depends on the underlying cause (e.g., infection). Many dogs with Fanconi syndrome have close to a normal life expectancy. Your veterinarian will discuss when (or whether) it is appropriate to begin screening your dog for evidence of Fanconi syndrome.

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<https://vcahospitals.com/know-your-pet/fanconi-syndrome-in-dogs>

NOTE: DNA testing currently available is specific for Basenjis. PennGen offers an any breed Urine Analysis for Fanconi.



2026 Calendar of Events

December 6—MSCM Meeting/X mas Party, Sue Moenter's house.

Club News:

Thanks to all of our members for making the fall specialties a success!

August Meeting Minutes will be in the Nov/Dec Toplines.



PUPPIES AVAILABLE

Donna Klaus

Donnella Miniature Schnauzers

(586) 871-5003 or email: egiles@comcast.net



We're on the Web!

www.miniatureschnauzerclubofmichigan.org

Photos by Cathy Collins



SHOW CALENDAR

Breed/Obed/Rally

2026

Nov. 5-8 B,O,R

Various Kennel Clubs
Kalamazoo, MI

Nov.28-29 Breed
Ingham Cty KC
East Lansing, MI

Dec. 4-6 O,R
OTCGL
Lansing, MI

Agility

Nov. 5-8
Weim Club
Lapeer, MI

Nov. 12-16
Various Clubs
Midland, MI

Nov. 20-22
Canine Combustion
Whitmore Lake, MI

Nov.27-29
Capital City
East Lansing, MI

Dec. 3-6
Various Clubs
Midland, MI

Dec.10-13
Various Clubs
Midland, MI

Dec. 17-20
Various Clubs
Midland, MI

Dec. 31-Jan. 3
Various Clubs
Midland, MI



MINIATURE SCHNAUZER CLUB OF MICHIGAN

TOPLINES

is a bi-monthly publication

January-February

March-April

May-June

July-August

September-October

November-December

Editor-Susan Quinn