



ASIA FUNGAL
WORKING GROUP
an ISHAM working group



INTERNATIONAL SOCIETY FOR
HUMAN AND ANIMAL MYCOLOGY

Co-organized
with:



MMTN INDONESIA 2025

October 4 – 5, 2025
Manado, Indonesia



MMTN
MEDICAL MYCOLOGY
TRAINING NETWORK



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Drh. Herisman Hernadi

Case Report : Mycosis in Animal



Tiger/Cat/Persian/6years/MN/5 kg/BCS=5/9



History (1st visit- June 27, 2025)

- Had history visited to my clinic on Oct 18, 2024 and treated with topical shampoo, spray and systemic antifungal for one month. Because of the owner was so busy, stop to visited vet for 8 month no systemic medication, just topical treatment weekly
- Was presented to the clinic with recurrent skin hair loss
- Started at tail and spread to whole body
- Was very itchy with score 9/10
- Was not routinely flea and mite prevention
- Has been on the diet with dry cat food
- Had visited to other vets and treated with skin supplementation

History

- Indoor cat and no other cat at home
- No human affected
- Every 2 weeks, taking shower at grooming area with medicated shampoo
- Appetite still good and no signs for internal organ



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On Examination



Day-0 : General hypotrichosis



Day-0 : crusty and scale at 4 legs and ears



Day-0: dry skin and hypotrichosis at back and ventrum



On differential list :

- Dermatophytosis
- Superficial pyoderma
- Feline Demodecosis
- Pemphigus foliaceus
- Sebaceous adenitis



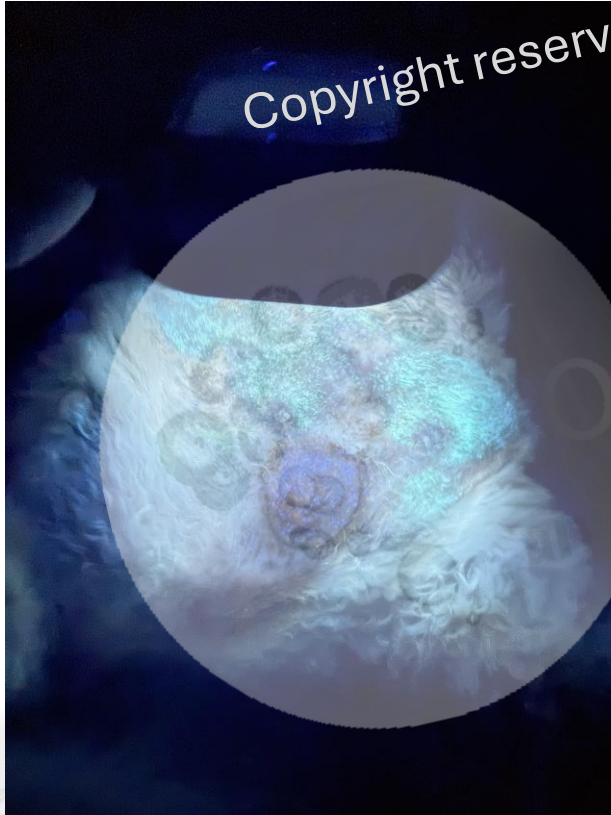
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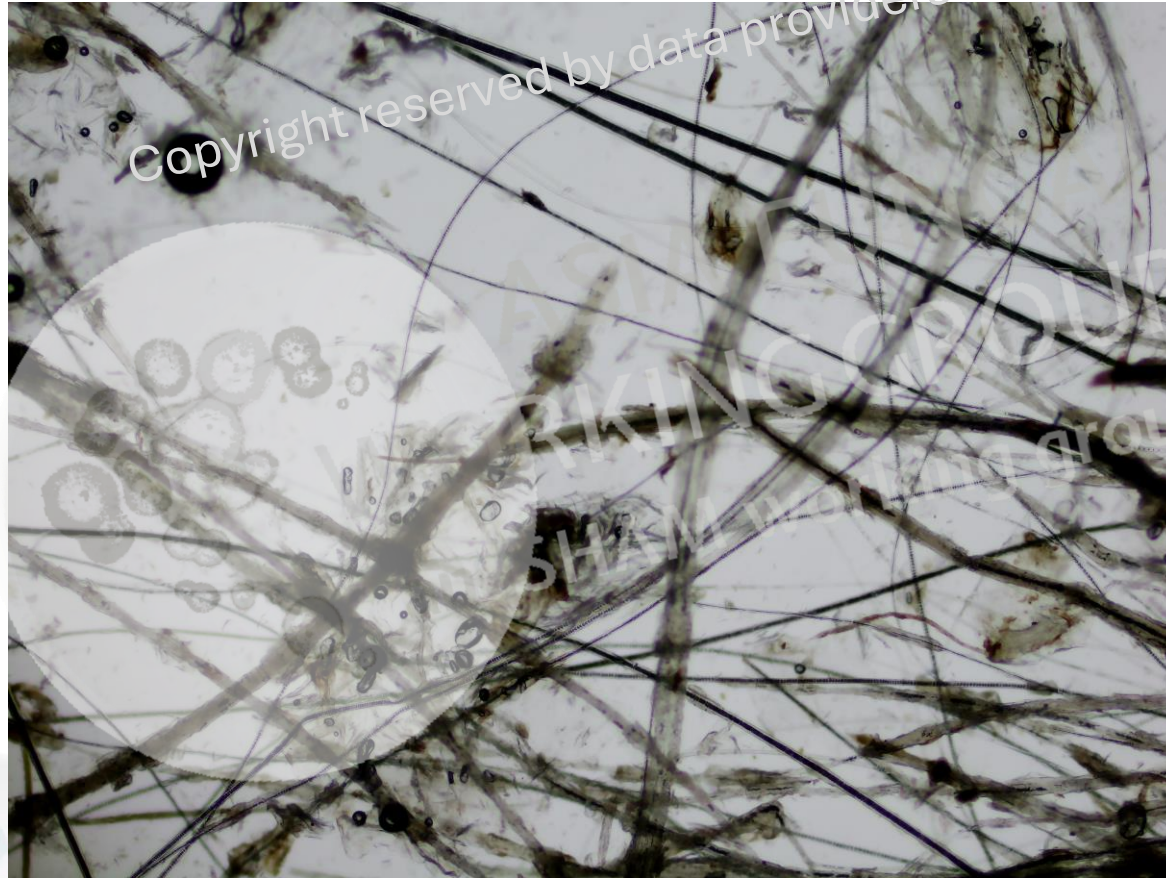
Diagnostic tools to confirm :



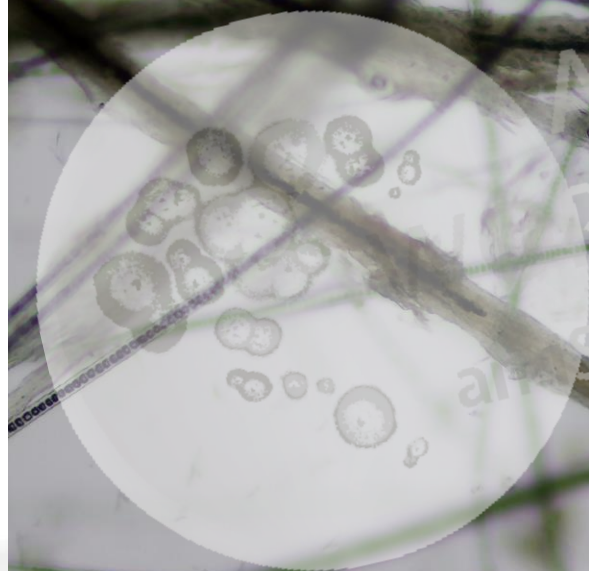
Wood's Lamp



Direct exam from Hair (Trichoscopy)

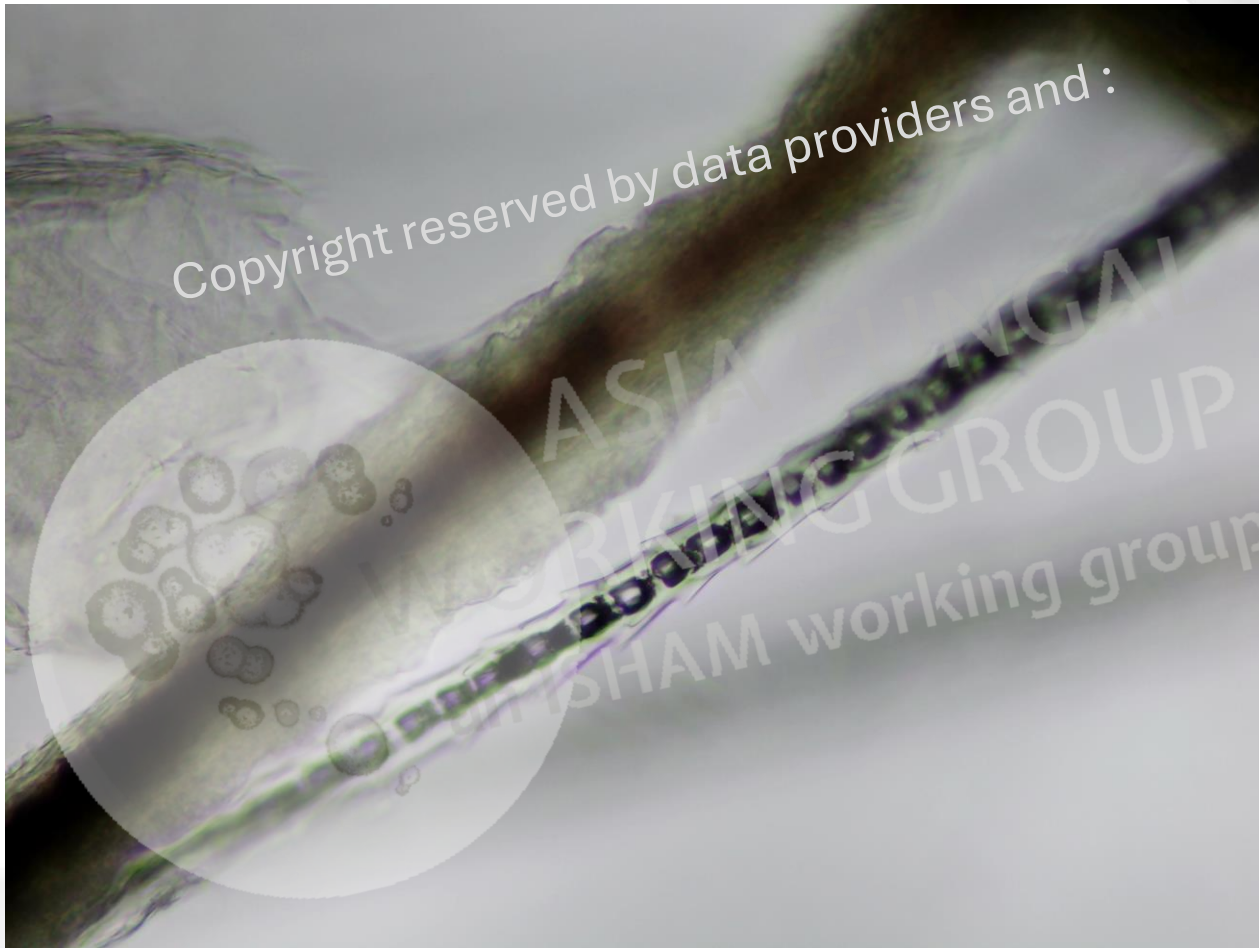


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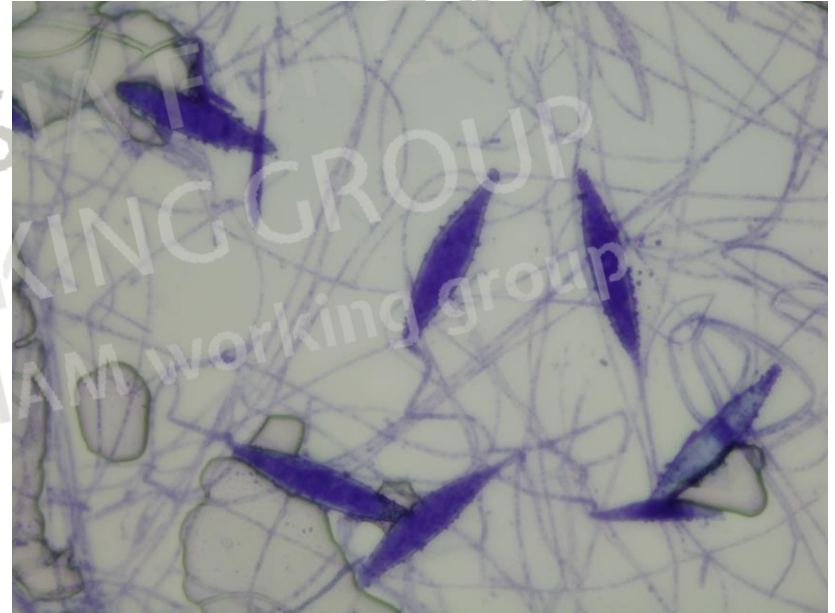
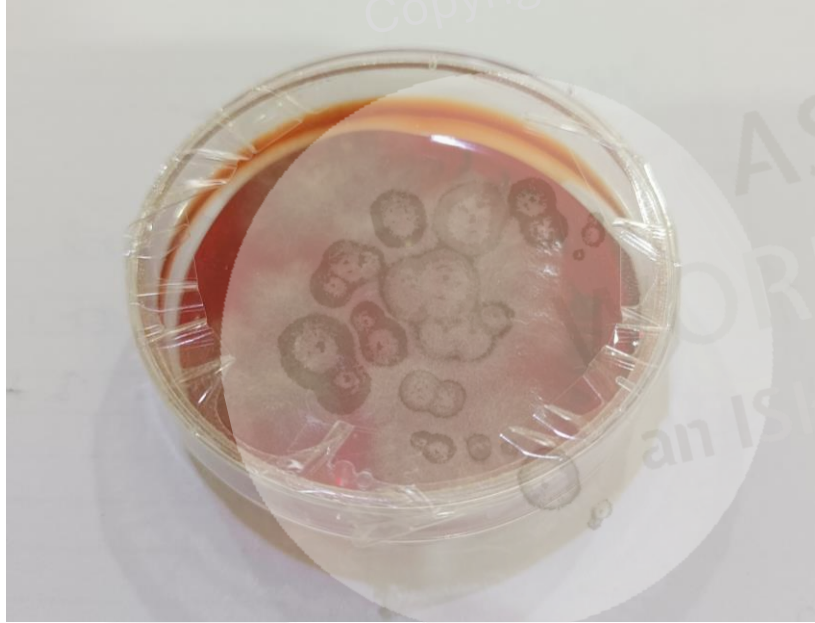


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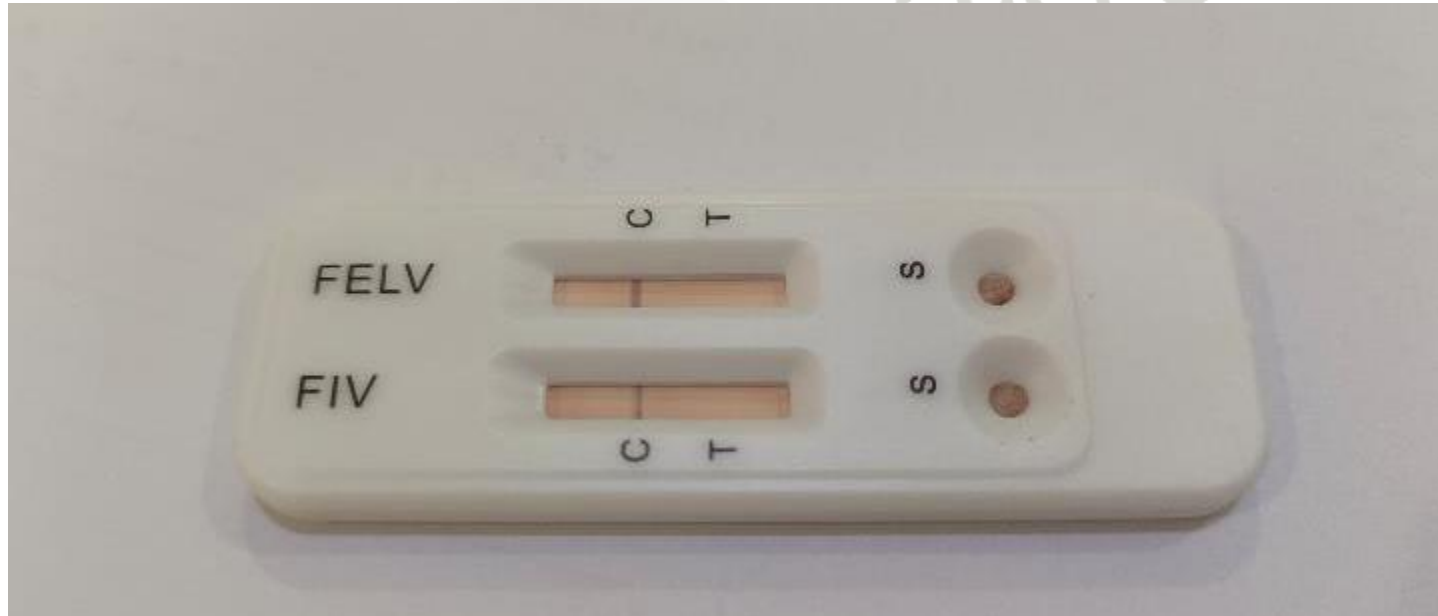


Fungal culture (*Microsporum canis*)



Rapid test for Immunocompromised

- FIV Ab = negative
- FeLV Ag = negative



Diagnosis : Dermatophytosis



Treatment plan for 1 month :

1. Systemic antifungal combination (Itraconazole, 10 mg/kg SID and Terbinafine, 30 mg/kg SID)
2. Topical medicated shampoo (Econazole nitrate, Chloroxylenol, Sulfur, Sodium salicylate) 1-2 time a week
3. Topical medicated spray (Miconazole 2% & Chlorhexidine 2%) 1-2 time a day



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After 1 month treatment (July 28, 2025)



1st vs 2nd Visit

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1st vs 2nd Visit

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1st vs 2nd Visit



1st vs 2nd Visit



1st vs 2nd Visit



Treatment plan for 2 month

1. Continue the systemic antifungal combination (Itraconazole, 10 mg/kg SID and Terbinafine, 30 mg/kg SID)
2. Continue the topical medicated shampoo (Econazole nitrate, Chloroxylenol, Sulfur, Sodium salicylate) weekly
3. STOP topical medicated spray



After 2 month treatment (Aug 25, 2025)

1st, 2nd, 3rd Visit

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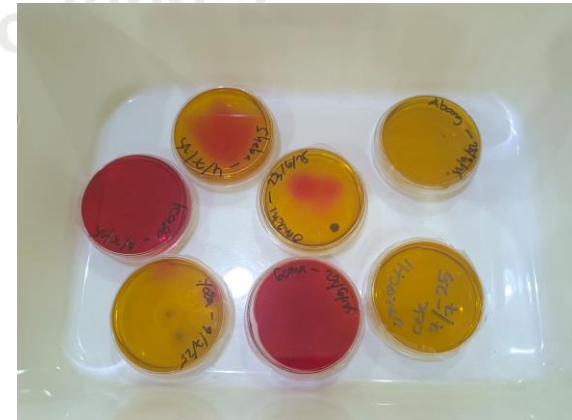
3rd visit

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Next Plan :

- Continue the systemic antifungal medication and topical shampoo for one month
- Performed fungal culture (DTM) twice with 2 weeks interval for mycological cure
- STOP medication after twice mycological cure were Negative result (yellow color)



Conclusions

- Uncommon lesions in cats
- Usually affected on Immunocompromised cats
- Must be rule out potential other concurrent disease with diagnostic tools
- The final diagnosis is GOALs of treatment
- The medication will stop after negative result from twice consecutive fungal culture

Thank you



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