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Media alert from the Media Scanning & Verification Cell, IDSP-NCDC.

Alert ID	Publication Date	Reporting Date	Place Name	News Source/Publication Language
4568	21.03.2018	21.03.2018	Pune Maharashtra	www.timesofindia.com/English https://timesofindia.indiatimes.com/city/pune/two-horses-with-glanders-in-pune-close-watch-on-people/articleshowprint/63388284.cms
Title:	Two horses with glanders in Pune, close watch on people, Maharashtra			
Action By CSU, IDSP -NCDC	Information communicated to DSU-Pune, SSU-Maharashtra			

The state health department has sounded an alert after two cases of glanders, a deadly bacterial infection in horses which can also affect humans, have been spotted in two animals in Pune and Pimpri Chinchwad.

The disease killed 13 horses in Ahmednagar, Thane, Akola, Amravati, Buldhana and Satara districts between April and July, last year.

State surveillance officer Pradip Awate of the state health department said, "The surveillance is currently underway only in the affected areas where people live in close proximity to horses."

Surveillance has been intensified around stables and animal sheds in the affected areas in Upper Indiranagar in Pune Municipal Corporation limits and Dange Chowk in Pimpri Chinchwad Municipal Corporation limits to prevent the bacterial infection from entering the human chain.

Veterinarians, farmers, horse traders, laboratory workers, and other personnel working in stable and slaughter houses are susceptible.

Save Water- Save Life, Save a tree- Don't print unless it's really necessary!

Disclaimer:- This is a media alert subject to verification.

**Integrated Disease Surveillance Programme (IDSP), National Centre for Disease Control,
Ministry Of Health & Family Welfare, Government of India**

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एक कदम स्वच्छता की ओर

Barring a lone case of the infection in a veterinary pathologist in pre-independence era, no human case has been recorded of the infection post-independence

Samples of the suspected patients will be sent to Hisar-based research institute for testing. "If required, we will expand the surveillance in other areas too," Awate said.

The symptoms of the disease in humans include fever with chills and sweating, muscle aches, chest pain and muscle tightness, among others. The first case of the disease was detected in a horse in Pune in 2017 and in two more horses in Pune and Pimpri Chinchwad, last month.

"We have collected 3,170 blood samples of horses from across the state during sero surveillance since April 2017 and got them tested and analysed at the National Research Centre on Equines in Haryana. The surveillance in animals is still on," D M Chavan, additional commissioner, state animal husbandry department, said.

TRANSMISSION TO HUMANS

LAST REPORTED IN MAHARASHTRA IN 2006

After 11 years, the first case of glanders was detected in a horse at Kedgaon in Ahmednagar during routine surveillance on April 19, 2017

THE DISEASE HAS BEEN SPOTTED IN 15 HORSES SINCE THEN

LESIONS GIVE AWAY DISEASE

- ▶ Notifiable disease under the Glanders and Farcy Act 1899
- ▶ Caused by *burkholderia mallei*
- ▶ Modular lesions occur in the lungs and other organs. Ulcerative lesions of the skin and mucuous membranes of the nasal cavity and respiratory passages
- ▶ Possess high risk to humans



CASES SINCE APRIL 2017

▶ AHMEDNAGAR 1 | ▶ AKOLA 3 | ▶ THANE 4 |
▶ SATARA 1 | ▶ AMRAVATI 1 | ▶ BULDHANA 2 | ▶ PUNE 3

TOTAL 15

HORSES GET INFECTED NATURALLY

- ▶ By the digested tract through infected feed and water
- ▶ By inhalation, when some abrasion in the respiratory tract is present
- ▶ From skin infetion
- ▶ From infected animals

SIGNS TO LOOK FOR

- ▶ Yellow-green nasal discharge and ulcers on the nose
- ▶ Horse may have enlarged lymph nodes and nodules on the skin
- ▶ Severe coughing can also occur

“The surveillance activity is currently underway only in the affected areas where people live in close proximity to horses. If required, we will expand the surveillance in other areas too

Pradip Awate | SURVEILLANCE OFFICER

(SOURCE: STATE ANIMAL HUSBANDRY DEPT, PUNE)

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