

CASE REPORT

Crotalus oreganus concolor: E
V A a a a D a c C u u
M u c S

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Case Presentation

A health 61-year-old male with a long history of hypertension and diabetes mellitus (type 2) was admitted to the hospital with a 2-day history of severe, bilateral lower extremity weakness and numbness. The patient had no recent falls, trauma, or changes in medication. He had no history of tick bites or travel to endemic areas. The patient's medical history was significant for hypertension, diabetes mellitus, and hyperlipidemia. He was on lisinopril, metformin, and atorvastatin. The patient was brought to the emergency department by ambulance. On arrival, he was found to be alert and oriented to person, place, and time. He had a blood pressure of 180/100 mmHg, heart rate of 98 bpm, respiratory rate of 18 breaths per minute, and oxygen saturation of 98% on room air. Physical examination revealed symmetric, lower extremity weakness and numbness, more pronounced in the distal lower extremities. There was no sensory level, and no bowel or bladder dysfunction. Reflexes were symmetrically decreased in the lower extremities. The patient was admitted to the medical intensive care unit for further evaluation and management.

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 fle i ih he i e hala gealj i f he fi ge a d
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 a b e e d i a i e (Fig e 2B). Thi he e
 ha bee e ed i l 4% f heal h i di id al b
 ha bee e ed be a cia ed ih ca e f ake-
 bi e e e ai .¹⁹ Al h gh *Crotalus oreganus concolor*
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 a i e), hi a likel a e -i d ced e e
 a he ha e i d ced ^{20,22}

O a i e ' he e l gic f a -
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 i i he *Crotalus oreganus concolor*'s e (Fig e 3,
 Table 1). S die i ice i jec ed ih *Crotalus oreganus*
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 a i e ' e ia diffic l , a ha bee e ed
 cc afe *C scutulatus*, *C cerastes*, *C oreganus helleri*,

el gic effec a gi gf a e he ia ei e a d
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ai f cli ical a ife ai a i gi e e i .²⁸
Th , he ab e ce f he a l gic effec i aie , i
he e e ce f e l gic a a cha ac e -
i ic f a le ake e e ai . Ne l gic a
af e *C cerastes* a d *C concolor* e e ai , i h
he a l gic effec , ha e bee e ed.^{9,15-17}

L cal d c lica i i aie e e
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da age a d ec i , ha bee e ed i 2 ca e f
Crotalus oreganus concolor e e ai (a ge
1800–17,000 IU·L⁻¹) a di he ab e ce f c ag l a hic
c lica i .^{15,29}

O aie ' ele a ed CK al e (3394 U·L⁻¹) a 22 h
af e e e ai a i dica i e f e -i d ced
l cal i e/ cle da age he bi e h b.

Medica i a i fle ce ake e e ai -
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a d a i i li e) ha e e ed ad e e effec f bl ed
i i , b e , che igh e , a e he ia, a d eak-
e i ila aie ' .^{30,31} O aie
e ed ha i g ad e e effec he e edica i
bef e he bi e, gge i g d g/ e i e aci e e
c ib be ed .

Ve a al e f he e ible ake e ealed ab -
da PLA₂-ba ed

