The first report on stachybotryotoxicosis in cow in Iran

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Objective: Identification of causative agent of haemorrhage and fever in this case.

Design: Case study.

Animals: A Holstein cow aged 4 years from a dairy herd, Fashfush - Tehran.

Procedure: After taking history, the cow was clinically examined and by a standard kit and the concentration of macrocyclic trichothecens was measured in her serum. The cow was slaughtered and samples of here liver, spleen, lymph nodes and small intestine were histopathologically studied.

Results: On the basis of the occurrence of haemorrhages in mammary gland subcutis, anterior chamber of the eyes and GI system as well as failure of blood sample to clot and the presence of plenty of thromb in different tissues, it was clear that the cow was suffering from haemorrhagic syndrome. In addition to extensive haemorrhages and necrosis in small intestine mucous membrane, liver and spleen as well as septic emboli and abundant infiltration of inflammatory cells in liver sinusoids could explain the severe pyrexia of the cow. In the mean while the serum sample test revealed that the titre of macrocyclic trichothecens was 15 times that of control serum.


Key words: Stachybotryotoxicosis, Hemorrhagic syndrome, Cow, Macro cyclic trichothecens.

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به وسیله قارچ استکا پرونیس آنا و اثرات این سموم بر روی بیافنیات مختلف بین بوژوز بافت مغزاستخوان و کبد دارد. از دلایل مهم جدا سرم هموگلوبین، آنت سرمین ان قارچ بوژوز از دسته تریکتوپسیا بر روی بافت مغزاستخوان و تضعیف ترشح ساخت سلول‌های خونی و شکل‌گیری پان سینوپتی این است که خون را پیشرفت به صورت تریپروپیوپلی شدید و آگرانولوپسی نشان می‌دهد (۲۲، ۲۳).

به طور تجویز شده با یک همراه آنتسیونس می‌تواند با پنجم ابتلا در انعقاد خون که از سبیل داخلی با پنجم خارجی، بدیهی است که استفاده شود. از مهم‌ترین نکات در این بات‌الاختلال از فرد آماده، طولانی شدن زمان پروتومایزی و زمان جمع شدن خونه می‌باشد (۲۱، ۲۲) که در ناحیه پیش‌بند استفاده به خونریزی و وقوع خونریزی‌های و سیم‌خوده خواهد گشت (۲۲، ۲۳).

به طور کلی این می‌تواند به طور مداوم از سلول‌های تنظیمی تخلیه شده به طور که در برخی از فتوکولوگی‌ها، ساختار ترکیبی این کامالا نیازمند بود.

بحث و نتیجه گیری

برخی از استکا پرونیوسکورپسز، سرم‌هورموزی می‌اند که ایجاد آن ارتباط مستقیم با سموم مختلف تولید شده.
مجله دانشکده داروسازی دانشگاه تهران، شماره ۵۷، سال ۱۳۹۴

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مقدم پوتاکلکسی (Radiomimetic) مفهوم پوتاکلکسی مفهومی است که در آن، موادی را که با مشابهی به سلول‌های درونی یا خارجی اختراع می‌شوند، به‌نوبه‌ای در اثر آنتی‌کانسر اپیدمیک و آنتی‌سیتوماتیک مصرف می‌شوند. این مفهوم به‌خصوص در درمان سلول‌های گذشته و توانایی انسانی برای ایجاد سلول‌های جدید را به‌عنوان یکی از محورهای مهم در تحقیقات درمانی مطرح می‌شود.

1. آنتی‌کانسر اپیدمیک
2. آنتی‌سیتوماتیک
3. سلول‌های گذشته
4. توانایی انسانی برای ایجاد سلول‌های جدید

متن بالا به‌عنوان محدودیت‌هایی در اثر آنتی‌کانسر اپیدمیک و آنتی‌سیتوماتیک است که در برخی ازمان‌های تحقیقات درمانی مطرح می‌شود. به‌طور کلی، محققان می‌توانند از آنتی‌کانسر اپیدمیک، آنتی‌سیتوماتیک و توانایی انسانی برای ایجاد سلول‌های جدید برای درمان سلول‌های گذشته استفاده کنند. این کارها می‌توانند به‌عنوان یکی از محورهای مهم در تحقیقات درمانی مطرح می‌شود.
References


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