1. A method for treating a viral infection, comprising administering to a patient a cobalt(III) hexammine compound in an amount effective to reduce an extent of a viral infection.

2. The method of claim **1**, wherein the cobalt(III) hexammine compound is hexamminecobalt(III) chloride.

3. The method of claim **1**, wherein the viral infection is by HIV or Ebola.

4. The method of claim **1**, wherein the cobalt(III) hexammine compound is administered prior to the viral infection.

5. The method of claim **1**, wherein the cobalt(III) hexammine compound is administered subsequent to the viral infection.

6. The method of claim **1** wherein said administering is performed both prior to said viral infection and after said viral infection.

7. The method of claim **1**, further comprising identifying whether said patient is in need of antiviral treatment.

8. The method of claim **1**, wherein the administering is by injection.

9. A method for treating a viral infection, comprising administering to a human patient hexamminecobalt(III) chloride in an amount effective to reduce an extent of an infection of the patient with Ebola virus or HIV.

10. The method of claim **9**, wherein the infection is with the Ebola virus.

11. The method of claim **9**, wherein the administering is by injection.

12. A kit for delivery of a cobalt(III) hexammine compound by injection, comprising:

a cobalt(III) hexammine compound in a pharmaceutically acceptable carrier, and equipment for delivery thereof by injection,

wherein the equipment comprises at least one of a container, injection tubing, or an injection needle.

13. The kit of claim **12**, wherein the equipment comprises the container as well as (1) the injection tubing, (2) the injection needle, or (3) both the injection tubing and the injection needle.

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