NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nanoparticle and Blood Coagulation: Kick-starting Coagulation with Silica Nanoparticles**

*After this presentation, you should be able to answer the following questions:*

1. *What is Trauma and why do we care?*
2. *What technology is currently available to solve this problem?*
3. *How does blood coagulation normally work?*
4. *Where do Nanoparticles fit in?*
5. *How does the Silica Nanoparticle (SNP) work?*
6. *What is the state of research on SNP’s today?*

Follow along a take notes during the presentation, using this guide to help you pick out the main points. Use the space provided for notes and diagrams, as well as the Quickie Quiz answers.

PRESENTATION NOTES:

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| **Slide 2-3:**  **The Big Picture** | | **Slide 6-7:**  **Why Nanoparticles?** |
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| **Slide 4-5:**  **Blood Coagulation 101** | | **Slide 8: Quickie Quiz 1**  **Write your answer and explanation below.** |
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| **Slide 11: Quickie Quiz 2**  **Write your 3-5 sentences below.** | |
|  | |
| **Slide 17: Quickie Quiz 4**  **Write your claim, evidence and reasoning below.** | |
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