**Evaluation of an Emerging Technology (**AACN 8.4f)

New health care innovations offer the advanced registered nurse an opportunity to apply emerging technologies in practice to improve quality and patient outcomes. The purpose of this assignment is to evaluate the impact of an emerging technology and related regulations and policies on health care delivery and equitable care. Complete Parts I-III, as indicated below. Be concise but use complete sentences representative of scholarly writing. Refer to the assignment instructions in the digital classroom as needed.

**Part I: Evaluation of an Emerging Technology**

Provide an overview of the emerging technology and its role/function in health care.

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| Describe an emerging technology. What is the current competition for this technology? | Explain how the technology would enhance value, quality, and cost-effectiveness in health care. (AACN 7.2h) | Outline the role of workflow analysis, human factors, and user-centered design concepts for your chosen technology example. | Explain how a nurse’s role incorporates informatics technology.  |
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**Part II: Policies and Regulation (**AACN 2.9i)

Analyze current polices and regulation governing informatic and communication technologies.

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| Identify a policy (state or federal) and one regulation currently in place.  | Explain how the policy and regulation enhance value, quality, and cost-effectiveness in health care delivery. |
| **Policy:** |  |
| **Regulation:**  |

In 250-350 words, explain how you would advocate for policies and regulations that support the appropriate use of technologies impacting health care. (AACN 8.5k)

**Part III: Equitable Care (**AACN 7.2l)

Select an underserved population. Using an ethical framework, evaluate the health policy and the emerging technology you selected and determine if they will achieve equitable care in an underserved population. Consider access, cost-effectiveness, care outcomes, and mitigating factors specific to your selected population in your analysis.

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| Present your selected population and explain why it is considered an underserved population.  | Analyze the policy you identified and discuss to what degree it advances equitable care for your selected population. | Evaluate the emerging technology you selected and discuss what aspects must be considered to ensure equitable care for this population.  | Based on your overall analysis, describe which aspect would be the most critical priority for the population you selected (access, cost-effectiveness, care outcomes, and mitigating factors). Why is this the most critical priority? | Propose one or two advocacy strategies that you can engage in to influence a change in policy, or the policy process, to better support equitable care. (AACN 3.4g and AACN 3.4h) |
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In 250-350 words, describe the type of resources and opportunities that would be required for this population to have the intended outcomes from the emerging technology.