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\documentclass[12pt]{article}
\usepackage{amsmath}
\begin{document}
\section*{Important Medical Formulae}
\subsection*{1. Body Mass Index (BMI)}
]/
\text{BMI} = \frac{\text{Weight (kg)}}{\text{Height (m)}^2}
\]
\subsection*{2. Mean Arterial Pressure (MAP)}
]/
\text{MAP} = \text{DBP} + \frac{SBP} - \text{DBP}{3}
\]
Where:
\begin{itemize}
  \item \( \text{DBP} \) = Diastolic Blood Pressure
  \item \( \text{SBP} \) = Systolic Blood Pressure
\end{itemize}
\subsection*{3. Cardiac Output (CO)}
]/
\text{CO} = \text{SV} \times \text{HR}
\]
Where:
\begin{itemize}
  item ( \text{SV} ) = Stroke Volume
  \item \( \text{HR} \) = Heart Rate
\end{itemize}
```

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\subsection*{4. Creatinine Clearance (Cockcroft-Gault Formula)}
 For males:
 ]/
 \text{CrCl} = \frac{(140 - \text{Age})}{\text{CrCl}} = \frac{(1
 \times 72}
\]
 For females:
]/
 \text{CrCl} = 0.85 \times \frac{(140 - \text{Age})} \times \text{CrCl} = 0.85 \times \frac{(140 - \text{Age})} \times \text{CrCl} = 0.85 \times \frac{(140 - \text{Age})} \times \frac{(140 - \text{Age})}{(140 - 
 (mg/dL)} \times 72}
\]
 \subsection*{5. Dosage Calculation}
]/
 \text{Dose (mg)} = \frac{\text{Desired Dose (mg/kg)}}{\text{Concentration (mg/mL)}} \times
 \text{Weight (kg)}
 \]
 \subsection*{6. Alveolar Gas Equation}
 ]/
 \label{eq:pao} $$ \operatorname{PAO}_2 = \operatorname{FiO}_2 \times (\operatorname{Patm} - \operatorname{PH}_2\times O) - \operatorname{Pac}\times \operatorname{PaCO}_2(R) $$
 \]
 Where:
 \begin{itemize}
                 \item \( \text{FiO}_2 \) = Fraction of Inspired Oxygen
                 \item \( \text{Patm} \) = Atmospheric Pressure
                 \item \( \text{PH}_2\text{O} \) = Water Vapor Pressure
                 item ( \text{PaCO}_2 ) = Partial Pressure of Arterial CO(_2)
                 \item \( R \) = Respiratory Exchange Ratio
 \end{itemize}
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\subsection*{7. Henderson-Hasselbalch Equation}
]/
\label{eq:local_solution} $$ \operatorname{PKa} + \log(\left(\frac{HCO}_3^-\right)(text\{H)_2\left(CO\right_3\right))$$
\]
\subsection*{8. Ideal Body Weight (IBW)}
For males:
]/
\text{lBW (kg)} = 50 + 2.3 \times {\text{Height (inches)}} - 60
\]
For females:
]/
\text{text{IBW (kg)}} = 45.5 + 2.3 \times (\text{Height (inches)} - 60)
\]
\subsection*{9. Anion Gap}
]/
\text{Anion Gap} = \text{Na}^+ - (\text{CI}^- + \text{HCO}_3^-)
\]
\subsection*{10. GFR (Modification of Diet in Renal Disease Formula)}
]/
\label{eq:continuous} $$ \operatorname{GFR} = 186 \times (\operatorname{Serum Creatinine})^{-1.154} \times (\operatorname{Age})^{-0.203} \times (0.742) $$
\text{ if female}) \times (1.21 \text{ if African American})
\]
\end{document}
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