Learn how to manage the intensity of the danger and the exposure to danger, separately.
Scientific Method requires us to consider, and reason through, appropriate tactics and strategies.
For Example, which tactic?
Let’s start with the Relationship between:

Dose
Intensity
Exposure
For Example, which tactic?
Let’s start with the Relationship between:

\[ \text{Dose} = \text{Intensity} \times \text{Exposure} \]
Dose = Intensity x Exposure

Dose
Intensity
Exposure
How high the sun is in the sky relates to **Intensity**.

How long you stay in the sun relates to **Exposure**.

Image courtesy of vectorolie at FreeDigitalPhotos.net
How high the sun is in the sky relates to **Intensity**.

How long you stay in the sun relates to **Exposure**.

Whether or not you get sunburn depends on your **Dose**:

\[
\text{Dose} = \text{Intensity} \times \text{Exposure}
\]
Dose = Intensity X Exposure

Whether or not you get sunburn depends on your Dose!
Your Dose of Danger depends on both the Intensity of the Danger and how long you are Exposed to the Danger.
Intensity and Exposure

Learn to manage both!