DRIVEing the Next Generation of Medical Researchers
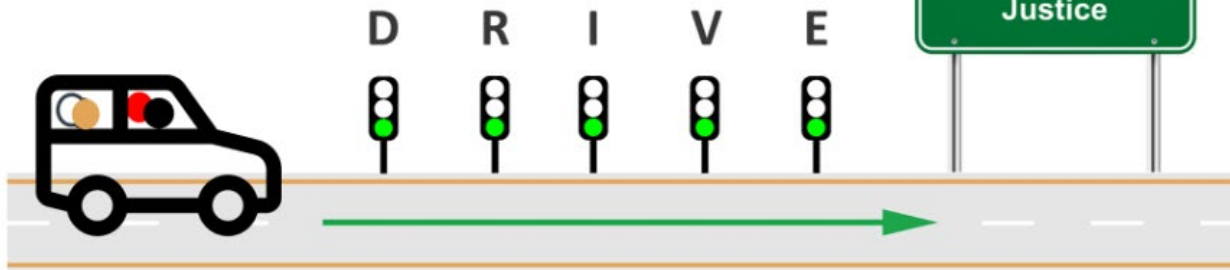
Indy Hematology Education Inc.

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What is DRIVE?

Practical Strategies for Creating Diversity, Equity, Inclusion and Access in Cancer Clinical Research

D R I V E

Cancer Care
Equity
Safety
Justice

DRIVE

D – Diversity officer   **R** – Ranking for diversity   **I** – Individual DEIA plan   **V** – Verification of study diversity   **E** – Elevate and Enhanced training

R-Ranking

DRIVE RANK SCORE	Study racial or nationality enrollment of the sum of all minority groups relative to the epidemiology of the disease§.
0	≤20% of the sum of all minority groups relative to the epidemiology of the disease.
1	21-40% the sum total of all minority groups relative to the epidemiology of the disease and at least one minority groups* reaching 50% relative to the epidemiology of the disease.
2	21-40% the sum of all minority groups relative to the epidemiology of the disease and at least two minority group* reaching 50% relative to the epidemiology of the disease.
3	41-60% the sum of all minority groups relative to the epidemiology of the disease and at least two minority groups reaching 60% relative to the epidemiology of the disease.
4	61-80% the sum of all minority groups relative to the epidemiology of the disease and at least three minority groups reaching 60% relative to the epidemiology of the disease.
5	80% the sum of all minority groups relative to the epidemiology of the disease and at least three minority groups reaching 80% relative to the epidemiology of the disease.

V-Verification of Diversity

- Discussing treatments and studies with reasonable scores

- Use DRIVE ranking to evaluate peers' and own research

- Attending meetings/conferences where the major presentations have verified DRIVE scores

But How?

Calculating a DRIVE Score

- Previously DRIVE scores were generated using manual calculations however not sustainable, potential for error, and not scalable

- Development of code using DRIVE rank criteria to generate fast and more reliable results

  - Calculations now available for greater range of cancers with higher specificity

Creating the Code

- Surveillance, Epidemiology, and End Results (SEER) Program
- Creating the equations
  - SEER Stat
  - Excel
  - R Coding
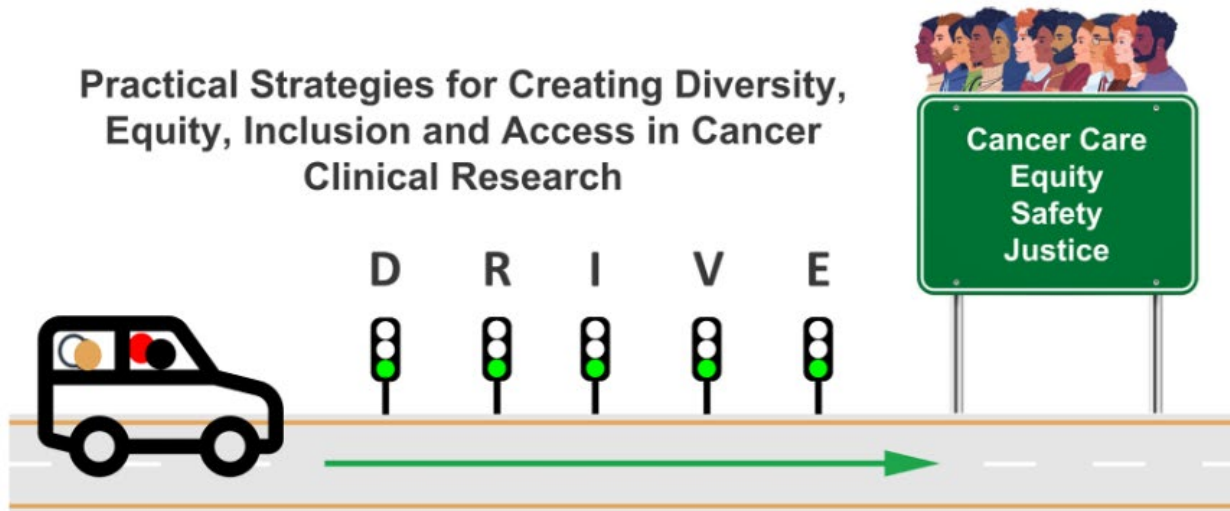 - ChatGPT
- App Development

DRIVEing Forward

- Increased specificity as data is available
  - Disease type, geographic location
- Using results and findings to shape conversations with patients regarding trial participation

Questions?

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