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CDISC 360: Preparing for a Bright Future

Chris Decker, d-wise, CDISC Board Member Dave Evans, Accenture, CDISC Board Member (And the rest of the CDISC 360 team who do all the work!)









Information at our fingertips...



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| | About 29,000,000 results (1.08 seconds) | | | | | |

Alzheimer's Disease & Dementia | Alzheimer's Association www.alz.org/alzheimers_disease_what_is_alzheimers.asp •

Alzheimer's is a type of dementia that causes problems with memory, thinking and behavior. ... Alzheimer's disease accounts for 60 to 80 percent of dementia cases. ... Approximately 200,000 Americans under the age of 65 have younger-onset Alzheimer's disease (also known as early-onset ... The basics: Symptoms - Changes in the brain - Plaques & tangles

Alzheimer's Disease Fact Sheet | National Institute on Aging https://www.nia.nih.gov/aizheimers/publication/aizheimers-disease-fact-sheet * Alzheimer'a disease is an inversitely, progressive brain disorder that slowly destroys memory and thinking sills, and eventually the ability to carry out the ... Changes in the Barin - Signs and Symptoms - What Causes Aizheimer's

Top stories



Scientists Have Can poor slee Uncovered The Atomic Alzheimer's? Structure of a Key Alzheimer's Protein F...

ScienceAlert · 1 day ago



CNN.com · 1 day ago

Actually Lead 10 Alzheimer's, Study Says

→ More for alzheimer's disease

| People also ask | |
|---|--------|
| What are the symptoms of Alzheimer's disease? | \sim |
| How many people have Alzheimer's? | \sim |
| What is Alzheimer's Disease Wiki? | \sim |
| Why does Alzheimer's cause death? | \sim |
| What is the cause of Alzheimer's disease? | \sim |
| What are the stages of Alzheimer's disease? | \sim |





A progressive disease that destroys memory and other important mental functions.

Very common

More than 3 million US cases per year

- Treatment can help, but this condition can't be cured
- Requires a medical diagnosis
- 4 Lab tests or imaging not required
- Chronic: can last for years or be lifelong

Brain cell connections and the cells themselves degenerate and die, eventually destroying memory and other important mental functions.

Memory loss and confusion are the main symptoms.

No cure exists, but medications and management strategies may temporarily improve symptoms.

Ages affected

0-2

3-5 6-13

What are people saying...

"In the real world, we want to capture the complexity and diversity of the standard of care without forcing it into an artificial structure. The current technology framework used within clinical trials to collect information often makes researchers constrain data to a structure that is not real and forces them into this rigid non intuitive thought process" – Florence Barkats, RWE SME

"We cannot optimally advance health care innovation — the discovery and development of new cures and therapies — without clinical trial transparency" – Jennifer Miller, a New York University medical ethicist

"Increasing the pool of researchers who can access data and decreasing the time it takes for them to review and find new patterns in that data is critical to speeding up development of lifesaving treatments for patients." – Joe Biden, former VP

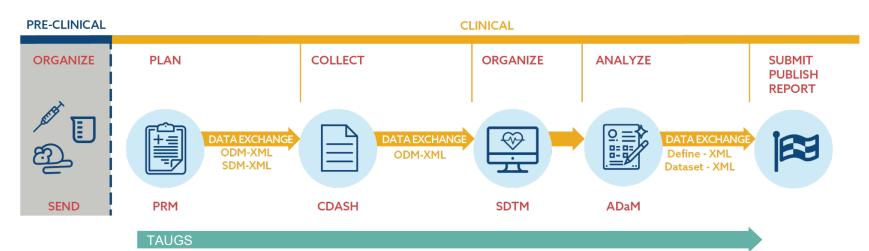
"Standardized Data does NOT equal quality data" – Armando Olivia, Former FDA Reviewer, Round World Engineer



"We are drowning in information but starved for knowledge." JOHN NAISBITT



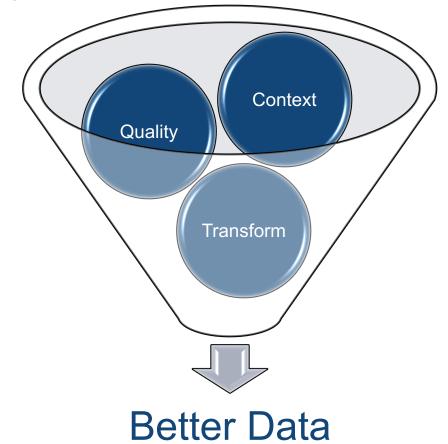
BRIDG, CONTROLLED TERMINOLOGY AND GLOSSARY



CDISC Standards in the Clinical Research Process

Today we are here

Where are our gaps....

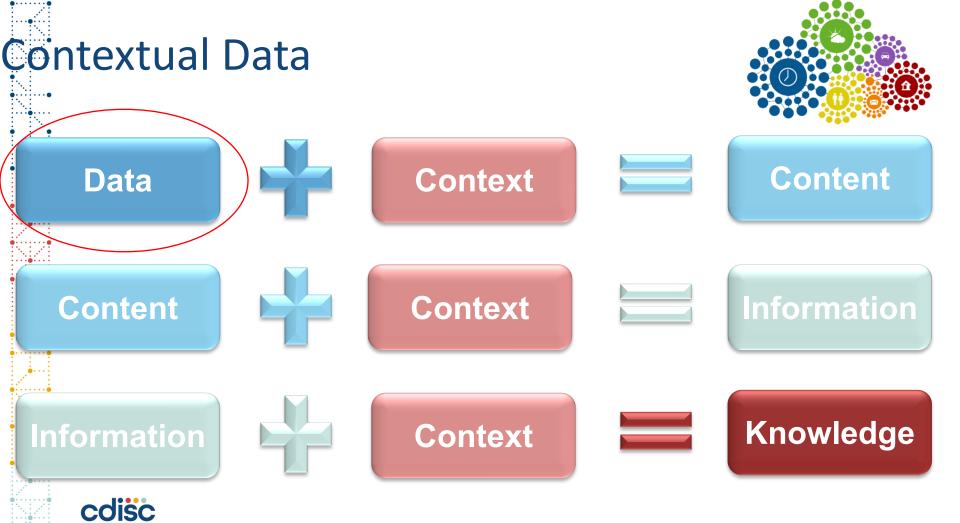






Where do We Go?

Every clinical data scientist has the information needed to make fast, informed, and accurate decisions about new therapies as to reduce cost, accelerate delivery, and increase quality and confidence



Collect once...use many times







Automation

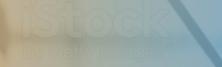














"The reasonable man adapts himself to the world; the unreasonable one persists in trying to adapt the world to himself. Therefore all progress depends on the unreasonable man."

GEORGE BERNARD SHAW

It's time to be unreasonable...