

### Disclaimer



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### Publication bias - concerns



- How do we know if all studies are published?
- Do publications accurately reflect the conduct of studies?

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Protocol registration ☐ Pioneered by ICMJE, WHO and others Is this clinical trial fully registered? A statement from the International Committee of Medical Journal Editors ■ Enables studies to be tracked to publication Enables review of submitted manuscripts against the ClinicalTrials.gov 7 protocol summary Helps reduce duplication Provides opportunities for participation Drug Information Association www.diahome.org

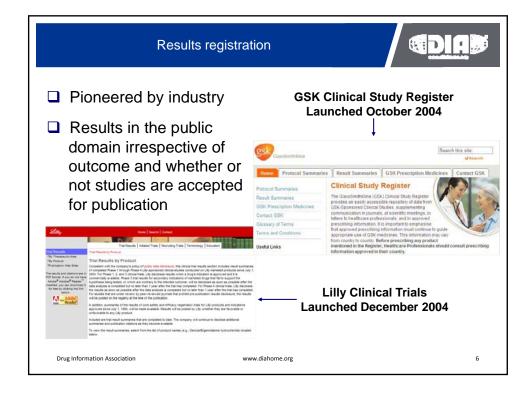
### Publication bias - concerns



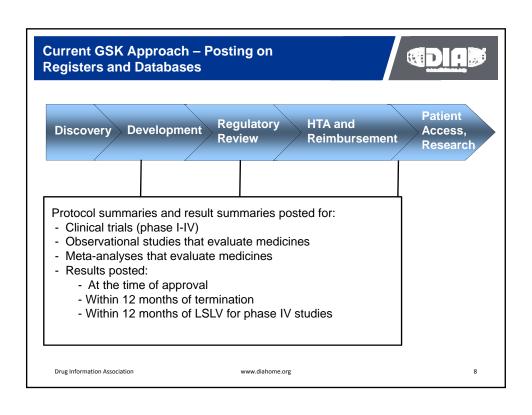
- How do we know if all studies are published?
- Do publications accurately reflect the conduct of studies?
- What happens when a study is not published in a peer-reviewed journal?

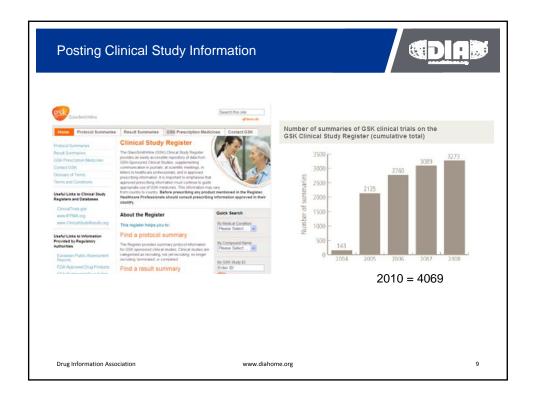
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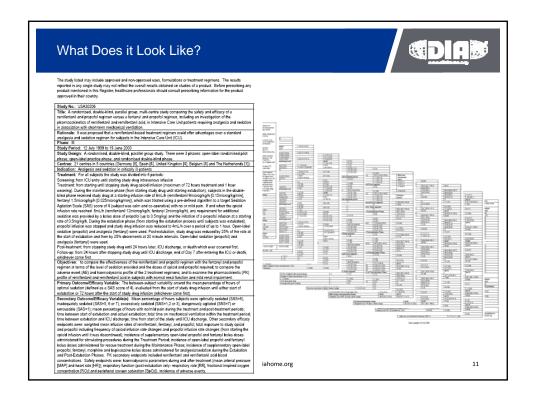


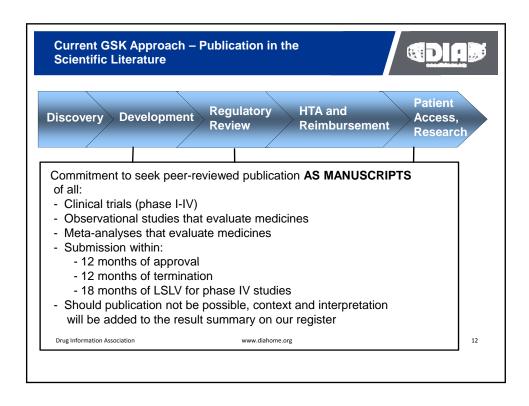






# Pre-determined scientific non-promotional information. Study title/rationale/objectives/phase Study design/treatment schedule/location(s) Statistical methods Study period Study population/demographics Results for primary and secondary endpoints defined in the trial protocol Adverse events (including all serious adverse events) Names of principle investigators References to publications in the medical literature





### Where next?





We don't have all the answers.

We welcome dialogue and constructive discussion with stakeholders.

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# Study Results Posting for Patient Benefit



# **Audiences that use Results Posted on Registers**

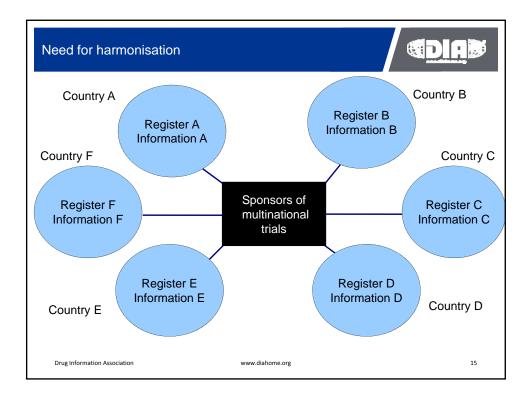
- Academic researchers
- Meta-analysts
- Journal editors
- Third party payers
- Lawyers
- Healthcare practitioners?
- Patients?

### <u>Uses</u>

- To conduct meta-analyses and reviews
- Re-analyze individual study data
- By industry to inform clinical programs
- By editors when reviewing manuscripts
- Guide/inform treatment decisions at the physician and patient levels?

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# Timing of Disclosure

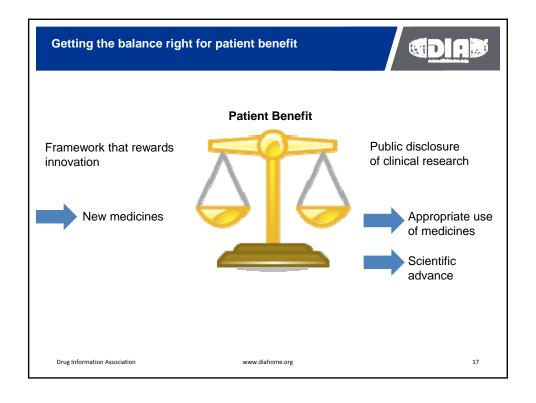


European Commission has issued a Communication that would require the public disclosure of results from phase II-IV clinical trials with 12 months of completion of the trial irrespective of the approval status of the medicine.

In the US, the FDA Amendments Act (FDAAA) includes language regarding the potential for study results posting for unapproved products at some point in the future

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### Study Results Posting: Interpretative (Lay) Summaries



 Title VIII of the FDA Amendments Act stipulates that not more than 3 years after enactment the HHS Secretary will expand the NIH study results database by rulemaking to provide:

"A summary of the clinical trial and its results that is written in non-technical, *understandable language for patients*, if the Secretary determines that such types of summary can be included *without being misleading or promotional.*"

- Public meetings held in 2009
  - Determine need
  - Identify a process for producing summaries

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### Interpretative (Lay) Summaries Key Issues to be Addressed



- Determining need
  - NEJM was not supportive because of the authorship issues
  - Others (e.g. Consumer's Union) felt they were critical
- Authorship
  - How can we ensure they are non-promotional and accurate?
  - How can we ensure they are understandable -reading level?
  - Who will write the summaries? Independent writing groups?
  - Who will review the summaries? Regulators?
  - Who will pay for writing and review?

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