# Value Assessment Frameworks

Elisabeth Oehrlein, PhD, MS BIO Patient and Health Advocacy Summit October 31, 2019



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#### **Session Overview**

#### Speaker Introductions and Context Setting

• Why should I care?

#### Introduction to Value Assessment

- What is value assessment?
- Why should patients engage?
- What resources are available to help patients and patient groups engage?

#### **Panel Discussion**

Q&A



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### **Introductions**

- Catherine Davis Ahmed, VP, Policy and Outreach, The FH Foundation
- Annie Kennedy, Senior Vice President, Legislation & Public Policy, Parent Project Muscular Dystrophy
- · Ashley Valentine, Co-Founder and President, Sick Cells



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# What is value assessment?



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#### **Value**

#### **VALUE ASSESSMENT**

Sometimes called a "Health Technology Assessment" or HTA

Multidisciplinary process

 Reviews clinical evidence compared to existing care

Cost effectiveness

Social and ethical impacts

#### **VALUE FRAMEWORK**

A tool used by some organizations to evaluate new treatments

 It produces a value assessment, report, or recommendation

May be used to guide reimbursement, shared-decision making, or other decisions



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National Health Council. In the Pursuit of Value: An Introduction to Health Economics and Value Assessment Available from: http://www.nationalhealth.council.org/nhc-educational-program-health-economics

# Value Framework Developers or Value Assessment Bodies\*

Organizations that conduct a value assessment using a value framework as a guide

**US** examples















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\*(health technology assessment body)

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# Value Framework Developers or Value Assessment Bodies\*

Organizations that conduct a value assessment using a value framework as a guide

**US** examples











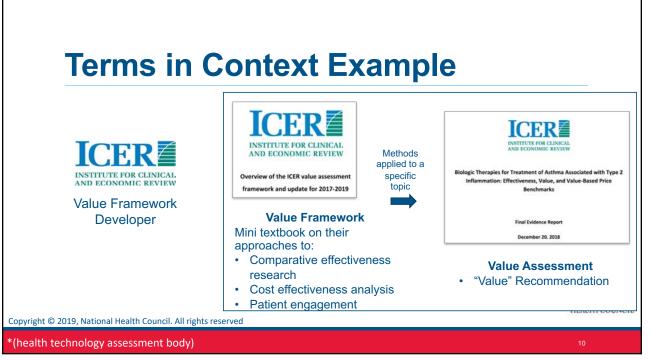




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\*(health technology assessment body)

	ACC-AHA	ASCO	DrugAbacus	ICER	IVI	NCCN	PPVF
Target Audience	Clinicians/ patients	Clinicians/ patients	Primarily payers; secondarily policy makers, clinicians, patients	Primarily payers; secondarily policy makers, clinicians, patients	Payers, policy makers, clinicians, patients	Clinicians, patients	Payers, policy makers, clinicians, patients
Services Addressed	Drugs, devices, other interventions	Drugs	Drugs	Primarily drugs, limited extension to other medical services	Drugs (could be extended to other health care services)	Treatment regimens, primarily drugs	Drugs (could be extended to other health care services)
Conditions Addressed	Cardiovascular	Oncologic	Oncologic	All conditions, particular focus on new drugs anticipated to be high impact	All conditions	Oncologic	All conditions
Available from:		v.org/system/files	Assessment Framevs/research/download				



# Why should patients engage?



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### Value to Whom?















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# Patient-Centered Value Assessment

Goal of patient-centered VA is for patients to have access to treatments they need at prices they can afford. Patientcentered VA exists when patients have been engaged, heard, understood, and respected throughout the entire process, and their input is incorporated and guides decision-making.



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National Health Council. A Dialogue on Patient-Centered Value Assessment: Overcoming Barriers to Amplify the Patient Voice. December 2018. Available from: https://www.nationalhealthcouncil.org/dialogue-patient-centered-value-assessment-overcoming-barriers-amplify-patient-voice

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## Why Engage?

- · Many assumptions go into a value assessment
  - VA bodies may not be getting their facts straight regarding patient lived experiences, such as:
    - Desired outcomes
    - Costs
    - Treatments
- Make these reports a source of information on their condition
- Push value assessors and the researchers to innovate

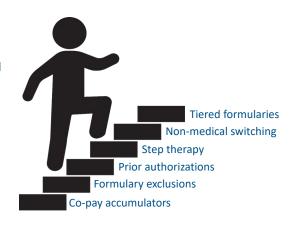


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# Potential Impact on Patient Access and Outcomes

Patient perspectives and patient-centered evidence needs to be incorporated into decision-making





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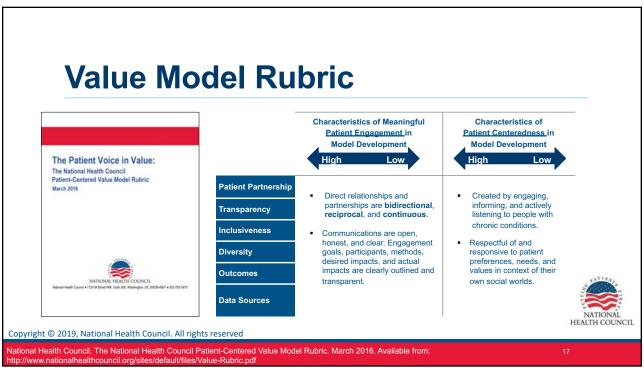
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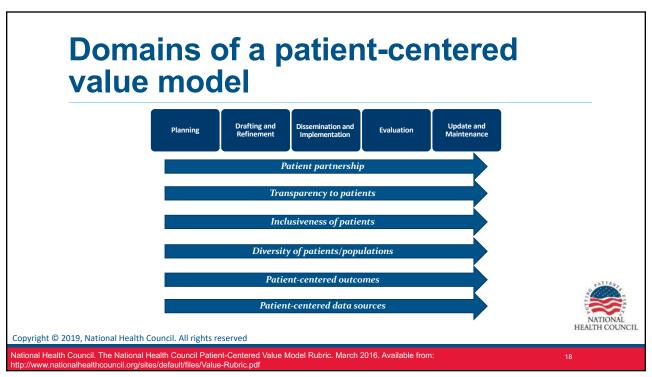
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# Tools and Resources



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#### **Rubric Notes**

- Groups support the intent behind value frameworks
- Do not wish to waste resources on unnecessary treatments
- But, patients want information to make informed decisions on the basis of what is or is not valuable to them
- Rubric is intended to assist all stakeholders and support developers in conceptualizing plans for meaningfully engaging patients
- Rubric should be considered a guide for patient-centeredness good practices
- Living document, to be refined over time on the basis of feedback from patient, patient group, framework developer, and others

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National Health Council. The National Health Council Patient-Centered Value Model Rubric. March 2016. Available from: http://www.nationalhealthcouncil.org/sites/default/files/Value-Rubric.odf

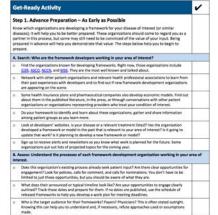
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# **NHC Get Ready Checklist**



The National Health Council: Value Framework Get-Ready Checklist



A step-by-step guide for patient advocacy organizations to engage in the development, implementation, and assessment of value frameworks.



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National Health Council. Value Framework Get-Ready Checklist For Patient Organizations. September 2016. Available from: http://www.nationalhealthcouncil.org/sites/default/files/Get Ready Checklist.pdf

### **Step 1. Advance Preparation**

Search: Who are the framework developers working in your area of interest?

**Assess**: Understand the processes of each framework-development organization working in your area of interest.

**Learn**: Familiarize yourself with the developer's website, materials, and past value-related work.

**Investigate**: What is the FDA review timeline for products in your disease area, and how will it impact the timeline for value framework development?

D. Investigate: What is the FDA review timeline for products in your disease area, and how will it impact the timeline for value framework development?

O Is a new treatment for your disease of interest under FDA review? Some model developers focus on new products and anticipate economic model inputs based on FDA approval.

O When is the new treatment(s) expected to be approved? These dates can be critical to economic model release as the price of the product, which will be incorporated, may not be available until the product is launched. The product launch will be predicated on the FDA review timeline. Some economic models are developed prior to approval, but many will rely on product pricing at launch.



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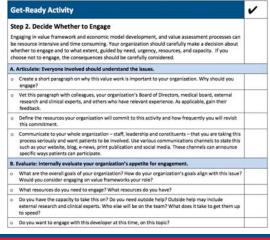
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## **Step 2. Decide Whether to Engage**

**Articulate**: Everyone involved should understand the issues.

**Evaluate**: Internally evaluate your organization's appetite for engagement.





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# **Step 3. Consider Coalitions and Partnerships**

**Mobilize**: Bring together relevant organizations and stakeholders

Get-Ready Activity						
Step 3. Consider Coalitions and Partnerships  When possible, engaging with key organizations and stakeholders can make this process easier and more impactful.						
A.	A. Mobilize: Bring together relevant organizations and stakeholders					
0	Reach out to provider groups, other patient groups, and other stakeholders in your field as well as other groups in similar disease areas for their input.					
0	Look for their comment letters, press releases, media quotes, and any articles.					
0	A united voice of like-minded individuals and groups is more powerful than a lone voice. You can also work in a collaborative fashion to stress different things in a complementary approach.					
0	Develop strategies for how you might work together.					



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### **Step 4. Refine Your Strategy**

**Assemble**: Your strategy is best substantiated with data and facts.

**Gather**: Information from your community is a key asset.

**Search**: Fill gaps in data where you are

Articulate: State your intentions clearly.

Re-evaluate

**Message**: Have your message ready to

deliver.

**Prepare**: Be prepared for some negativity toward patient groups.

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A. Assemble: Your strategy is best substantiated with data and facts.

What do you have in-house that can inform a framework, model or assessment? Gather and organize the facts and figures you already have at your organization; keep them up-to-date and accessible. Data may not always be scientifically rigorous and results should not be misrepresented or exaggerated, simply factual.

 Sources of data should be inclusive of patient experiences and narratives. This may include patient stories and experiences as well as survey or registry data, both published and unpublished.
 B. Gather: Information from your community is a key asset.

o For data you do not yet have on hand, gather insights and information from your patient community.

Do you know your community's opinions, preferences, experiences, and views?
 Conduct interviews, focus groups, and surveys to gather the data that can inform the framework.

Your patient registry may have valuable data that can inform a framework or model. Tap that resource
 Use external sources such as literature and web searches for other useful data.

 An FDA patient-focused drug development meeting and "Voice of the Patient" report may provide valuable data. Check the FDA website for those resources.

D. Consult: Experts can help you organize and understand the data.

Tap your organization's scientific committee early so they are alerted and ready when you need them

Consult with outside economic experts who may be familiar with your disease of interest.

National Health Council. Value Framework Get-Ready Checklist For Patient Organizations. September 2016. Available from: http://www.nationalhealthcouncil.org/sites/default/files/Get\_Ready\_Checklist.pdf

#### **Step 5. Engage with Developers**

**Approaching a developer**: Have a game plan mapped out.

**Objective(s)**: Define your objectives for the conversation.

Communication with Developers

#### A. Approaching a developer: Have a game plan mapped out.

- Reach out to the contact you have identified at the developer organization(s) with a letter of introduction describing your organization and its mission. Send the letter by email and mail. Or, reach out to a contact person you may have met or have already contacted for information.
- Explain that you would like to introduce yourself and state your objective(s) (e.g., you want to become
  more engaged in their framework development activities).
- Outline briefly your expertise and what you have to offer (e.g., knowledgeable individuals in your membership about the disease of interest, a list of the leading clinicians in the country with expertise about the disease, or a disease registry of patient-reported outcome data).
- o Stress the uniqueness of the disease or issues the developer might not be familiar with that you want them to know about as they begin their review. Emphasize things like heterogeneity of the disease, that all patients don't experience the disease the same way, don't respond the same way to treatments, etc. Stress that medical literature can't tell them everything they need to know about you community, its needs, and treatment hopes.
- Follow up to arrange an appointment to speak. Request a one-hour call or meeting, but settle for a shorter time if one hour is not available in the reasonable future. You may need to call several times to make the appointment. Don't be discouraged.
- Take every opportunity possible to introduce yourself and your organization to the staff at the development organization, introduce yourself at public meetings and express your desire to partner.

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### **Step 6. Follow Through**

Follow-up: Demonstrate your continued commitment.

**Visibility**: Use every opportunity to be viewed as an important stakeholder

**Communication**: Keep your constituents informed.

**Reliability**: Commit for the long haul.

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A. Follow-up: Demonstrate your continued commitment.

- Send a note of thanks that includes important points from the conversation and the next steps committed to by both parties.
- Continue to send letters or emails to the organization with information, encouragement when appropriate, and to repeat your asks as needed.
- o Prepare well-thought-out comments when there are public comment periods.

#### B. Visibility: Use every opportunity to be viewed as an important stakeholder.

- Make note of every publicly available comment period and opportunities for engagement with value framework developers.
- o Plan your schedule accordingly and plan to attend all meetings in person to strengthen your presence
- Speak to the media to convey your message. But do this as planned and on your terms.
- Advocate when and where needed.

#### C. Communication: Keep your constituents informed.

- Keep your members, stakeholders, and other constituents informed along the way.
- o Inform and active your patient community as needed, especially when you need volunteers

#### D. Reliability: Commit for the long haul.

Dedicate the time and resources to fulfilling any commitments you have made to the developer (e.g., serving on a committee, writing a review, providing data, etc.)

National Health Council. Value Framework Get-Ready Checklist For Patient Organizations. September 2016. Available from: http://www.nationalhealthcouncil.org/sites/default/files/Get\_Ready\_Checklist.pdf

### **NHC Value Work Group**

- Representatives from NHC patient-group members and nonmember patient organizations by invitation
- Meets monthly by teleconference to share and learn from each other's' experiences, and to stay up-to-date on topics related to value assessment
- Upcoming topics:
  - Communications on Value and Value Assessment
  - Multi-criteria decision analysis



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# A Dialogue on Patient-Centered Value Assessment

- Articulate a shared vision for what marks success in enhanced patient centricity in VA and
- Outline tangible, feasible actions toward achieving that success. The actions may be on the part of patient groups, VA developers, or both in collaboration

#### Patient groups

 Add health economists to their scientific advisory boards, just as clinicians are currently included on these boards.

#### Value assessors

 VA bodies can develop a VAreport section describing how patient input guided VA decision-making. Rationale for why patient input was not used in a report should also be described to help improve data in the future.

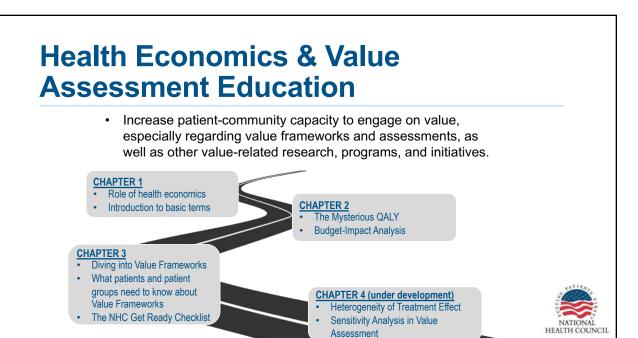
#### In collaboration

 Following an appraisal, the VA body and patient group can debrief on how submitted data were useful and not useful, and how data collection or presentation can be improved for the future.



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### **Upcoming NHC Tools and Resources**

 Glossary of Value Assessment Terms

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Finalized Fall 2019

Budget impact analysis: When a new product becomes available, an organization, like a health plan or hospital, will want to estimate the impact purchasing that new product will have o its budget. The estimate of that impact will need to consider the costs for specific treatments with usual care today versus an estimate of the cost of treatments will the new treatment added. Thestimates consider how many people will use each of the treatments available and the costs for those treatments. "2 See the NHTCs module: Budget Impact. Analysis or the costs for those treatments." 2 See the NHTCs module: Budget Impact. Analysis or the costs for those treatments.

Burden of Illness: The combined costs, in dollars and other impacts, as the result of a disease. This includes pain, lost wages, caretaker costs, mental health effects and more.<sup>2</sup> Studies that measure the "burden" of illness aim to examine things like the cost to the individual patient, possibly the cost to the employer, payer or insurance company, or even the cost to society.<sup>4</sup> (Also, known as "burden of diseases")

Comparative effectiveness research (CER): CER compares the effectiveness of two or more interventions or approaches to health care, examining their risks and benefits. Comparing two or more interventions distinguishes CER from other types of clinical research, for examine research where one treatment is compared to a placebo. See the NHC's module <u>Setting to Know the Lino</u>

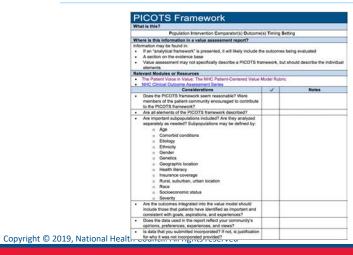
Cost Effectiveness: In the context of pharmacoeconomics, cost effectiveness is studied by tooking at the results of different interventions by measuring a single outcome, usually in units (for example, life-years gained, deaths avoided, heart attacks avoided, or cases detected). Alternative interventions are then compared in terms of cost per unit of effectiveness in order to assess how it provides value for money. This economic evaluation helps decision-makers to determine where to altocate limited healthcare resources. Cost effectiveness, however, is only one of a number of criteria that should be used to determine whether or not interventions are made available. Other issues, such as equity, needs, and priorities should also be part of the decision-making process. § See the NHC's module Unicoking the Mysteries of the Quality-Adjusted Life Yara (QALY) and Getting to Know the Lingo.



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National Health Council Value Initiative. http://www.nationalhealthcouncil.org/value-initiative

### **Upcoming NHC Tools and Resources**



- The NHC
   Considerations Guide
   for Patient
   Organizations
   Developing Comments
   on Value Assessment
- Finalized Fall 2019



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### **Upcoming NHC Tools and Resources**

Pearls of Wisdom: Ways to Make An Impact Beyond Public Comments



#### **Examples:**

- Engaging Health Economic Outcomes Researchers to assist with patient organization engagement
- · Provide suggestions on voting questions
- Many communities have participated meaningfully in the Roundtable meetings but then the Roundtable panel didn't know what to do with the information because questions were set prior to the meeting



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#### **ICER Patient Participation Guide**

- •In this guide:
  - What is ICER?
  - · What does ICER do?
  - How you can participate in ICER's process



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institute for Clinical and Economic Review (ICER). Patient Participation Guide. Available from: https://icer-review.org/patient-participation-guide/

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# IVI Partnering with Patients Principles and Commitments



Principle 1: IVI will involve multiple patient stakeholders in value assessment.

Principle 2: IVI will employ robust methods to identify and involve patient stakeholders.

Principle 3: IVI will partner with patient stakeholders at all stages of research.

Principle 4: IVI will continuously evaluate and refine patient partnership action.

Principle 5: IVI will commit resources for continuous patient engagement.



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Innovation and Value Initiative. Partnering with Patients: Principles and Commitments (April 18, 2019). Available from: https://www.thevalueinitiative.org/wp-content/uploads/2018/04/2018-04-12.IVI-Partnering-with-Patients\_Web-Version.pdf





Experiences of patient advocates in HTA processes along with some questions and challenges with such involvement and work.



Patient experiences abroad

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https://www.eupati.eu/webinar/webinar-experience-patient-involvement-hta-processes/

https://www.eupati.eu/health-technology-assessment/guidance-for-patient-involvement-in-hta,

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Guidance for patient involvement in HTA

8.5 Identifying and prioritising which technologies to assess. 8.6 Scoping (developing a framework for an individual HTA)

8.7 Assessing and developing recommendations/guidelines

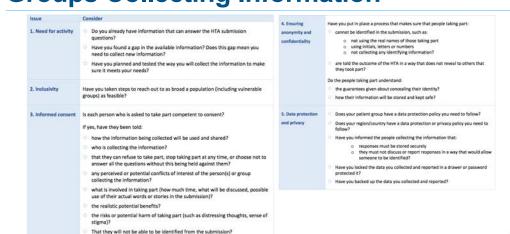
8.8 Reviewing and disseminating HTA outcomes

8 Suggested patient involvement activities

8.1 General HTA process8.2 Outreach and education8.3 Wider involvement8.4 For individual HTAs

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# HTAi Ethical Considerations for Patient Groups Collecting Information



HTAi Patient and Citizen Involvement Group. HTAi Ethical Consideration for Patient Groups Collecting Information. Available from: https://htai.org/wp-content/uploads/2018/02/PCISG-Resource-EthicsShortGuide\_May16.pdf



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# **Panel Discussion**



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## **Value Assessment Experiences**

**Moderator:** Elisabeth Oehrlein, PhD, Senior Director, Research and Programs, National Health Council

#### Panelists:

- Catherine Davis Ahmed, MBA, VP, Policy and Outreach, The FH Foundation
- Annie Kennedy, Senior Vice President, Legislation & Public Policy, Parent Project Muscular Dystrophy
- Ashley Valentine, Co-Founder and President, Sick Cells



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## Thank you!



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