

***Local HTA***  
***Approaches, Successes***  
***Stumbles & Lessons***

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***Hospital/Regional HTA: Local Evidence-Based Decisions  
for Health Care Sustainability***

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# Presentation Outline

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1. Context
  - Background on Strategic Clinical Networks
2. Approach
  - Local HTA Decision Support Program
3. Successes
  - Evidence informed decision making
4. Challenges
  - Stumbles
5. Lessons Learned

# Context: Strategic Clinical Networks

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## What are SCNs?

- Collaborative teams with a strategic mandate that bring together the perspectives of all stakeholders
- Aimed at improving health care delivery
  - Alberta Quality Metrics for Health  
Acceptability, Accessibility, Appropriateness  
Effectiveness, Efficiency, Safety
- Building sustainability

## Why SCNs ?

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- Ensure **collaboration & joint decision-making**
- Promote the **use/uptake** of research evidence
- Share **best practices** across the province
- **Share** knowledge, clinical experience and **learning** to **reduce variation and improve care**
- Be involved in **planning** for health-care service delivery
- Work together to develop new and innovative approach to care

# Current SCNs

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Bone and Joint

Cancer

Critical care

Cardiovascular  
and Stroke

Seniors

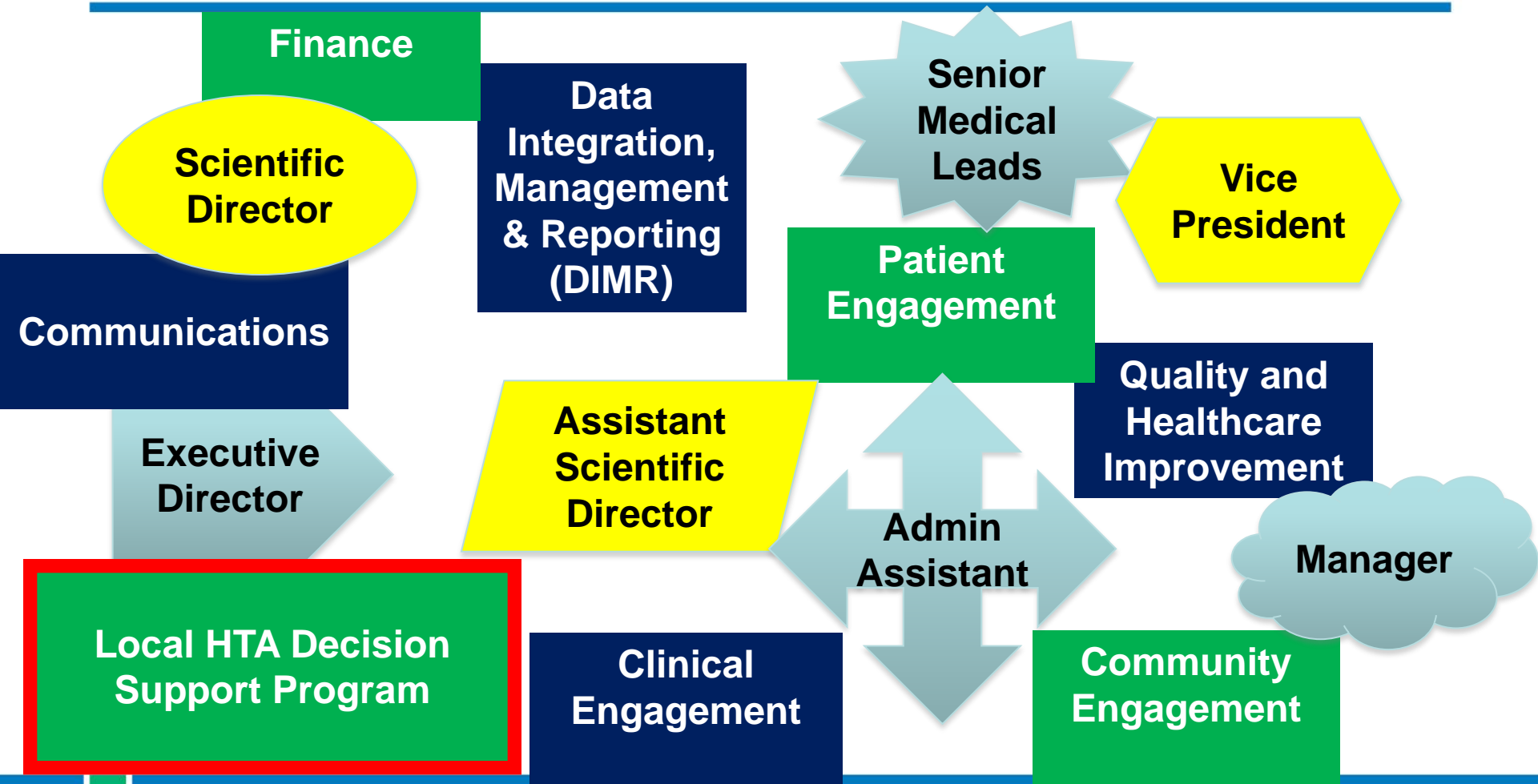
Emergency

Addictions and  
Mental Health

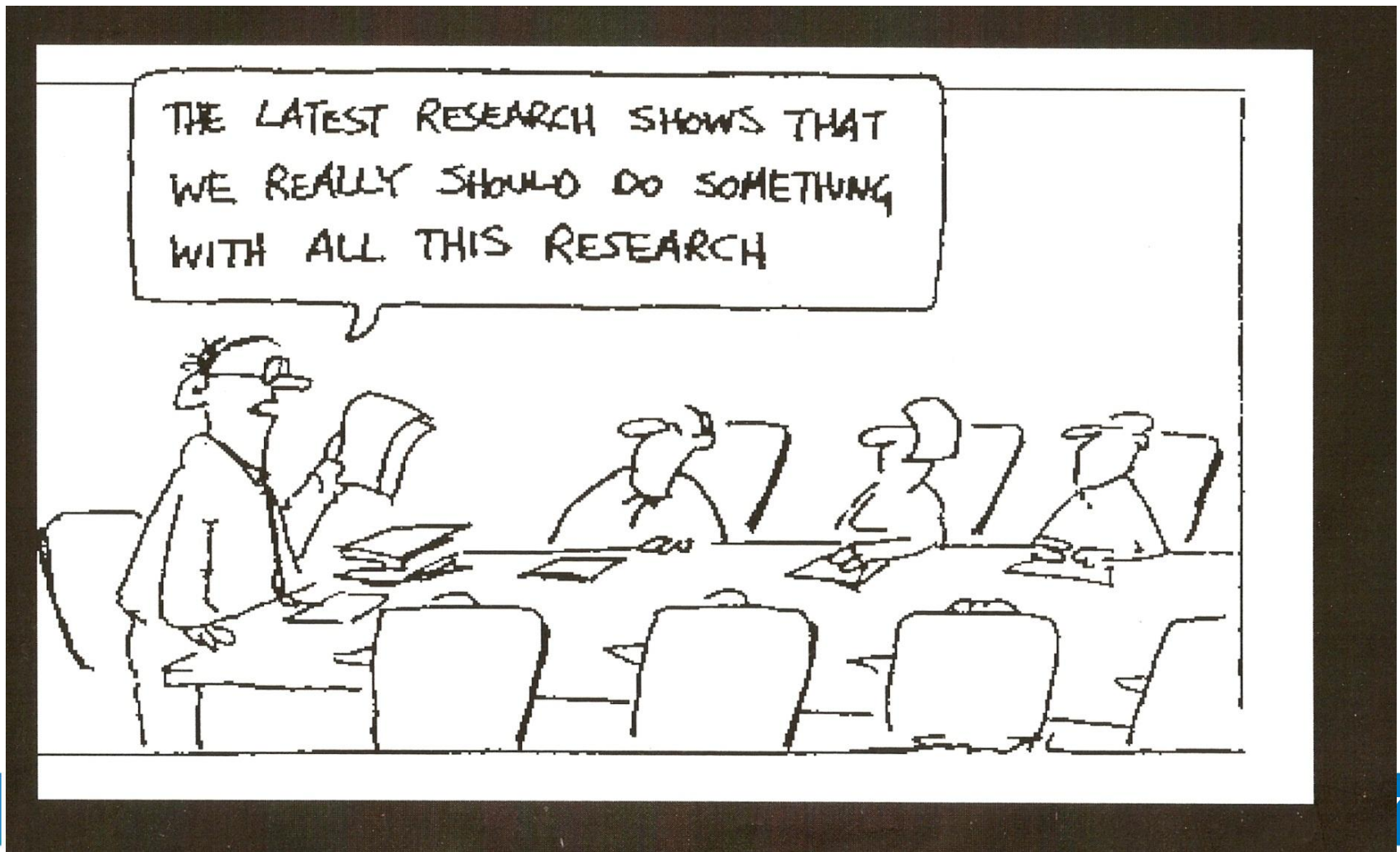
Obesity  
Diabetes and  
Nutrition

Surgery

# Who is involved in SSCN?



## 2. Approach: Local HTA Decision Support Program



# HTA Users: From Evidence to Decisions

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Local  
priority-  
setting

Local  
population  
health needs

Local presence  
of trained  
personnel

Local  
budget  
impact.....

NOW I HAVE  
HTA Reports

WHAT  
NEXT?

Local  
operations

Local  
alternatives

Local  
infrastructure  
impact

DECISION



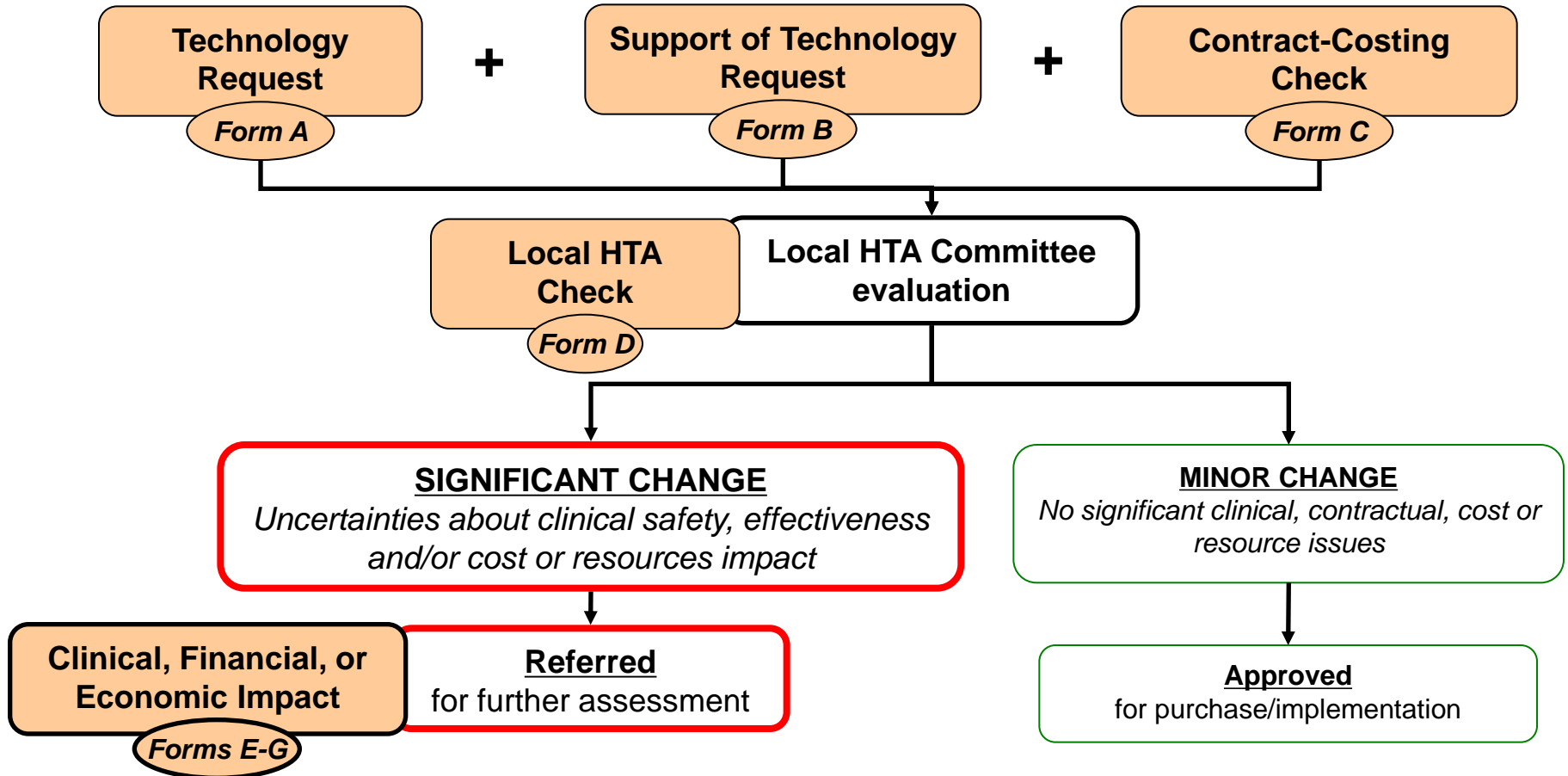
## Local HTA Program Components

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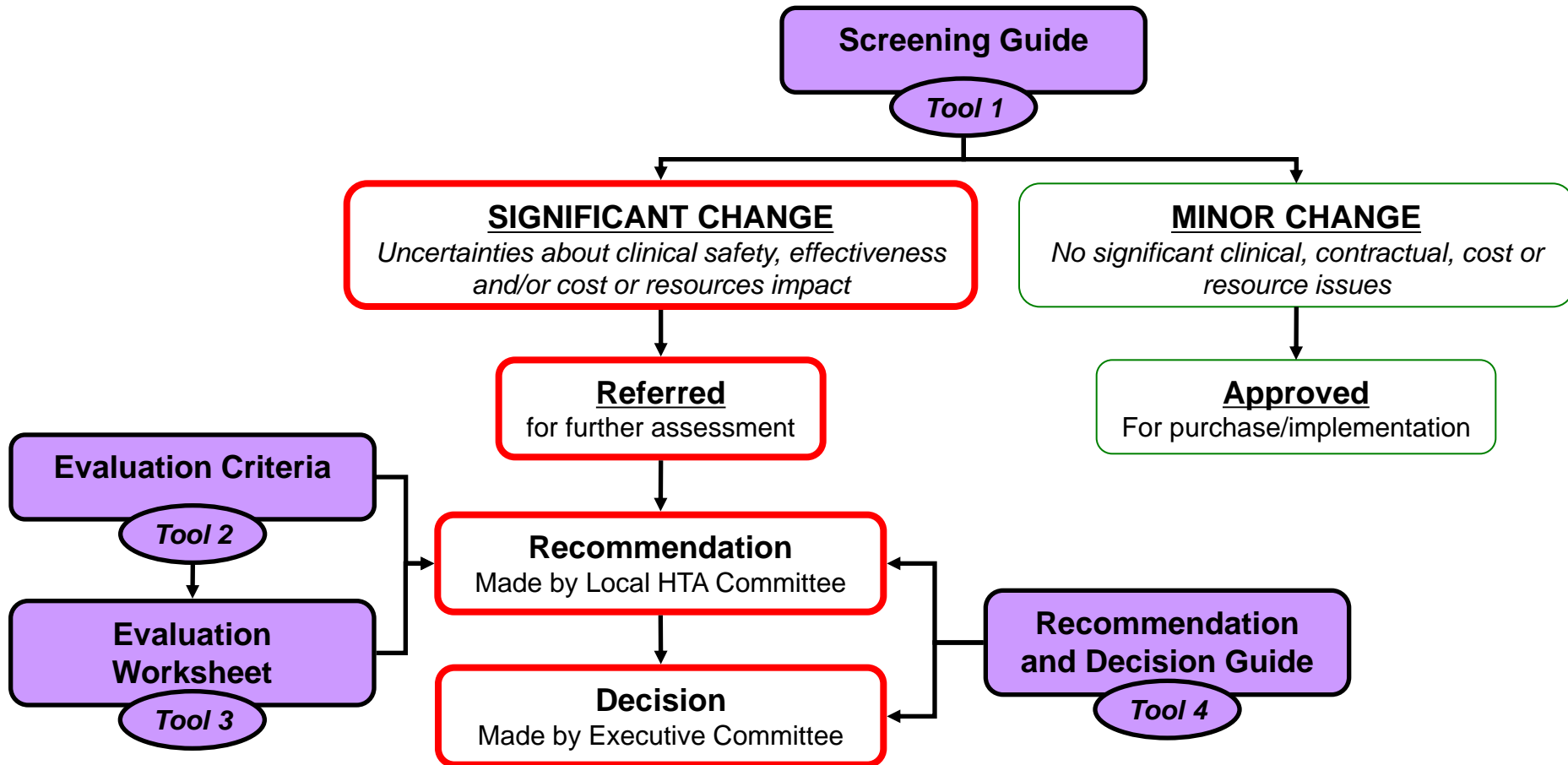
- A. HTA Policy
- B. Local HTA Advisory Committee
- C. Forms to Gather Information
- D. Tools for Multi-Criteria Decision Making

<http://www.albertahealthservices.ca/4470.asp>

## Forms to Gather Information



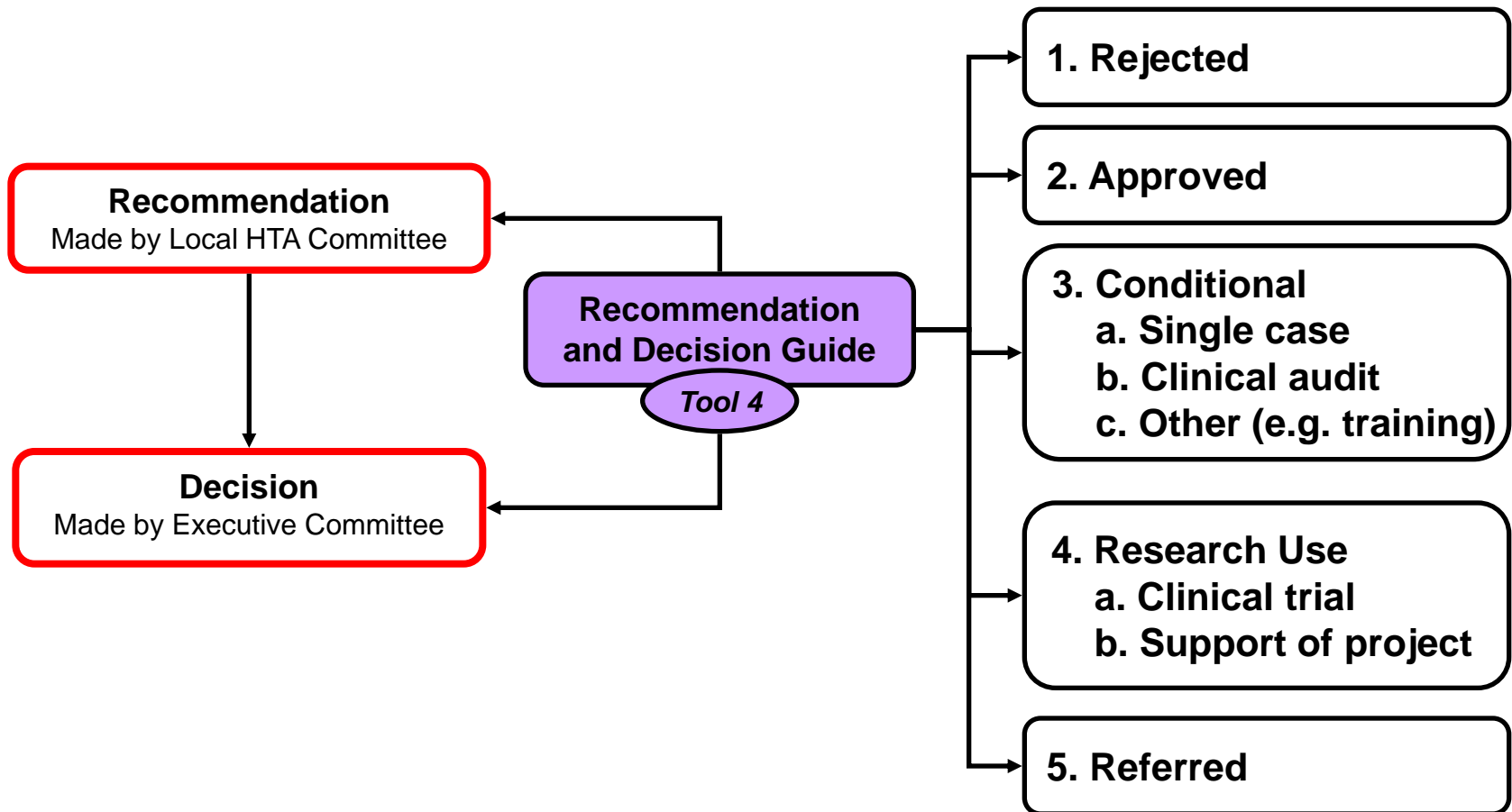
## Tools for Multi-Criteria Decision Making



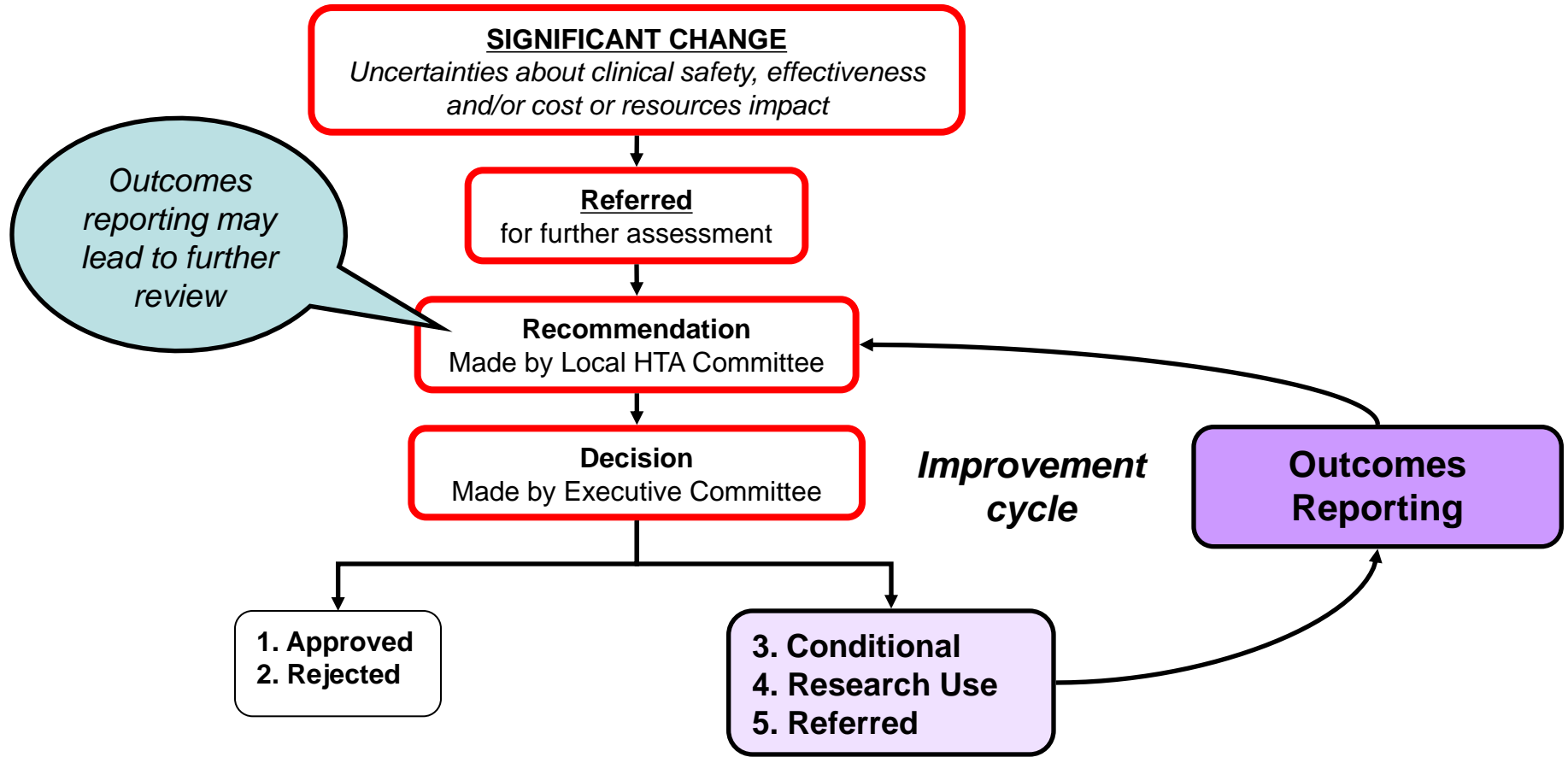
## Criteria for Evaluation

1. Description and Legal	
Domain (5)	Criteria (12)
2. Health Gain	<b>Efficacy</b> <b>Population Health</b> <b>Standard of Care</b>
3. Service Delivery	<b>Safety</b> <b>Training</b> <b>Access</b> <b>Service Coordination</b>
4. Strategic Fit	<b>Strategic Fit</b>
5. Innovation	<b>Knowledge &amp; Research</b>
6. Financial	<b>Cost</b> <b>Sustainability</b> <b>Economic Analysis</b>

## Recommendation and Decision Types



## Outcomes Reporting & Further Review





## 3. Successes

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- Internal embedded to local environment -HTA requestor
- Internal embedded HTA receptor
- Multidisciplinary
- Collaboration – CADTH
- Education
- Engagement
- Optimal Use



## 4. Challenges (Stumbles)

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### The Financial Stumble

- Evaluation request from OR Manager regarding urinary incontinence technology
- Review by CADTH
  - Evidence shows improved patient outcomes and estimated cost-saving to system
- SSCN-HTA Committee
  - Recommended for specific patient population

However, local OR Manager's budget did not allow purchase



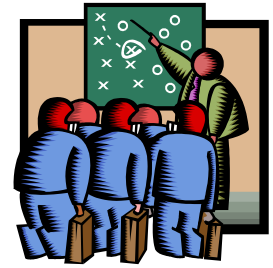


## The Financial Stumble

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### **THE STUMBLE:**

- No good process for advancing money from potential cost-savings to the larger health care system to allow local purchase
- Similarly, who should realize the benefits of cost-savings?
- Incentive??

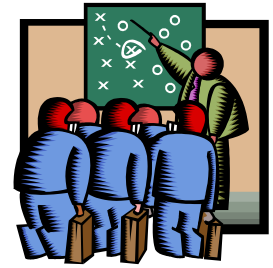


## The Implementation Stumble

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- **Laser Tx for tissue removal**
- **Reviewed and shown to be safe, effective & cost effective**
- **Approved for funding by Alberta Health**
- **Approved for purchase by AHS**

**However, tried, but abandoned for lack of improved  
Local outcomes**

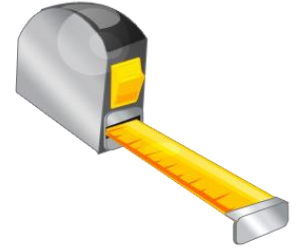


## The Implementation Stumble

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### **THE STUMBLE:**

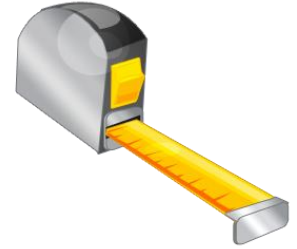
- Lack of training resulted in lack of improved outcomes
- No systematic implementation or training plan



## The Outcomes Stumble

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- **Technologies given recommendations for purchase based on our criteria**
- **But – did they actually deliver?**



## The Outcomes Stumble

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### **THE STUMBLE:**

- No outcomes measures built into the implementation plan when technology are approved
- Often very difficult to do



## The Organizational Stumble

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- **HTA processes require education and support of many members in a health care organization**
- **Many hours of effort given to educational sessions, workshops, and building relationships**
- **Relationships lost when positions change**



## The Organizational Stumble

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### **THE STUMBLE:**

- **Constantly shifting organizational structures means losing educated HTA champions and relationships**



## 5. Lessons Learned

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- **HTA Education – undergraduate medical and nursing education**
- **Engagement & collaboration**
- **Embedded & Integrated**
- **Built incentive for sustainability**
- **Share budget responsibilities**
- **Opportunity Cost**
- **Outcomes measures**



# Acknowledgement

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**Surgery Strategic Clinical Network**

**CADTH**

**Research Portfolio**

**Local HTA Decision Support Program developers**

**AI-HS**

**collaborators**

# For More Information

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<http://www.albertahealthservices.ca/4470.asp>



## Putting it All Together

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