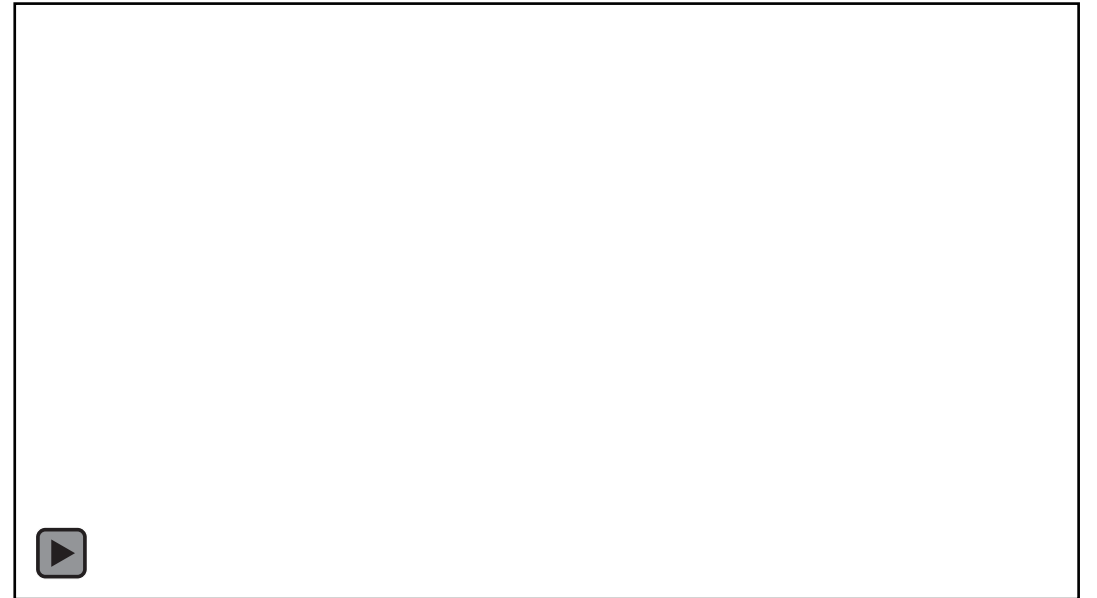


Translating evidences into practices

Wantanee Kalpravidh



Translating evidences into practices



Concepts



Examples with
interactive session



Tips

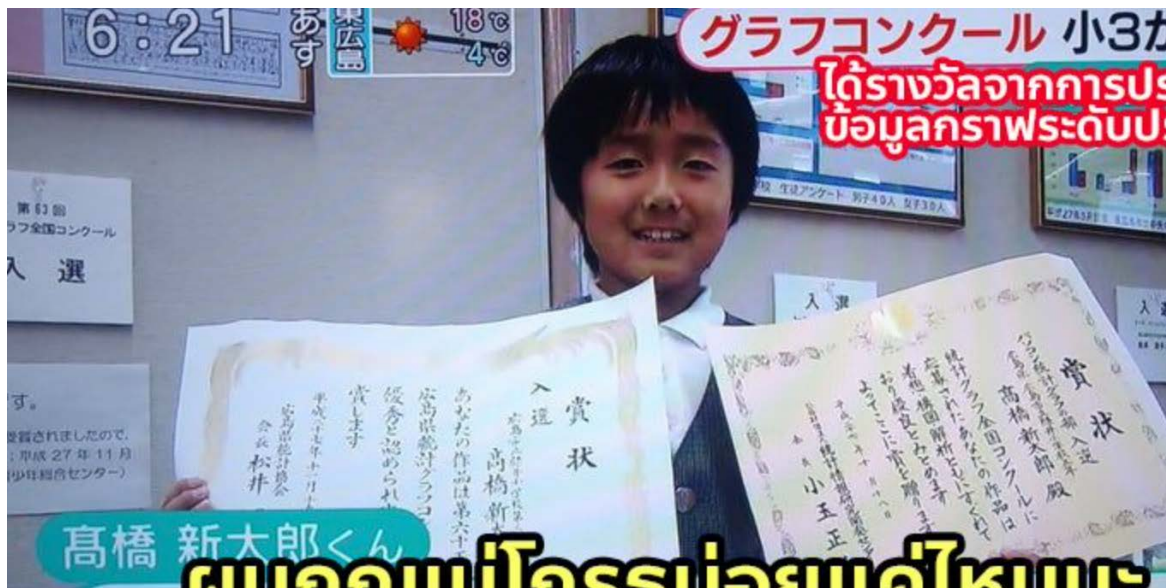
Available body of
facts or information
indicating whether
a belief or
proposition is true
or valid.

Evidence



Practices



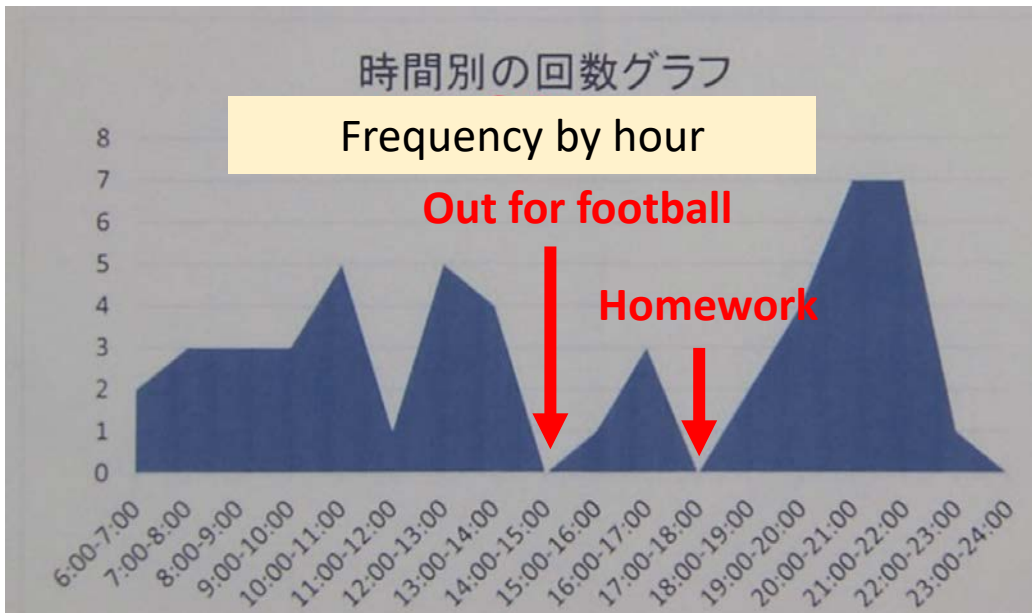
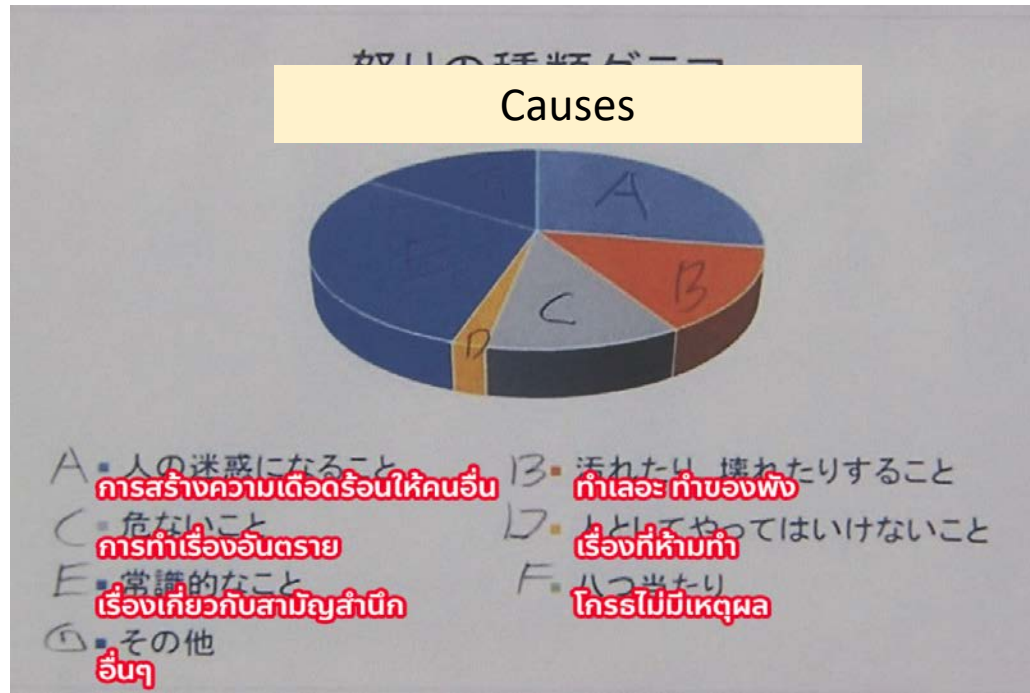
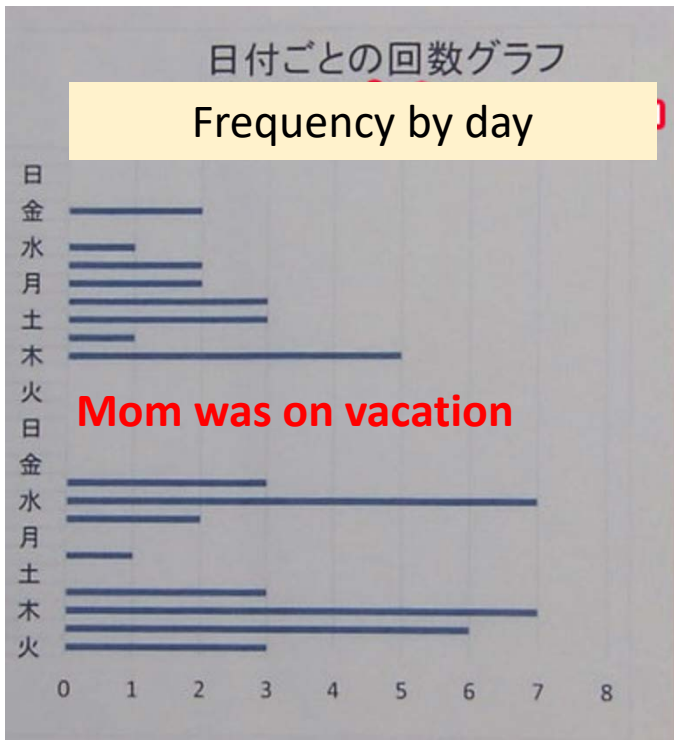


ผมถูกแม่โกรธบ่อยแค่ไหนนะ
ぼくが何回くらいお母さんにおこられて



“My mom gets angry very often
and I would like to know why
so I would not upset her..”

“How often does my mom get mad at me and why?”



Results:

@ In 1 month, mom was mad at him for 51 times.

@ Number of times she got mad at him at night is double to that in the morning.

@ Main reasons to get her mad:

- he put someone in trouble
- lack of common sense

Conclusion:

He tried to:

- be more careful in what I am doing during the night.
- have more common sense in what I do and not to put anyone in trouble



A 3D rendering of a puzzle with one red piece in the center. The puzzle pieces are light gray and have a slightly raised, embossed appearance. The red piece is the central focus, standing out against the gray background. The text "Creating sound evidence" is overlaid on the red piece in a white, sans-serif font.

Creating sound
evidence

5 Steps to Develop Evidence Based Practices

Recommended
PRACTICES

Convert needed information to question

1. ASK

Track down the best information to answer the question

2. ACQUIRE

Critically appraise the evidence for validity & usefulness

3. APPRAISE

Integrate into practice alongside expertise and stakeholders' values

4. APPLY

Evaluate outcomes & impacts

5. ASSESS



What evidence is
required in your
practice?



Epidemiology and antibiogram of common mastitis-causing bacteria in Beetal goats

Abdul Jabbar,¹ Muhammad Hassan Saleem,¹ Muhammad Zahid Iqbal,¹ Muhammad Qasim,² Muhammad Ashraf,³ Mahmoud M. Tolba,⁴ Hebatallah Ahmed Nasser,⁵ Hira Sajjad,⁶ Ayesha Hassan,⁷ Muhammad Imran,⁸ and Imtiaz Ahmad⁹

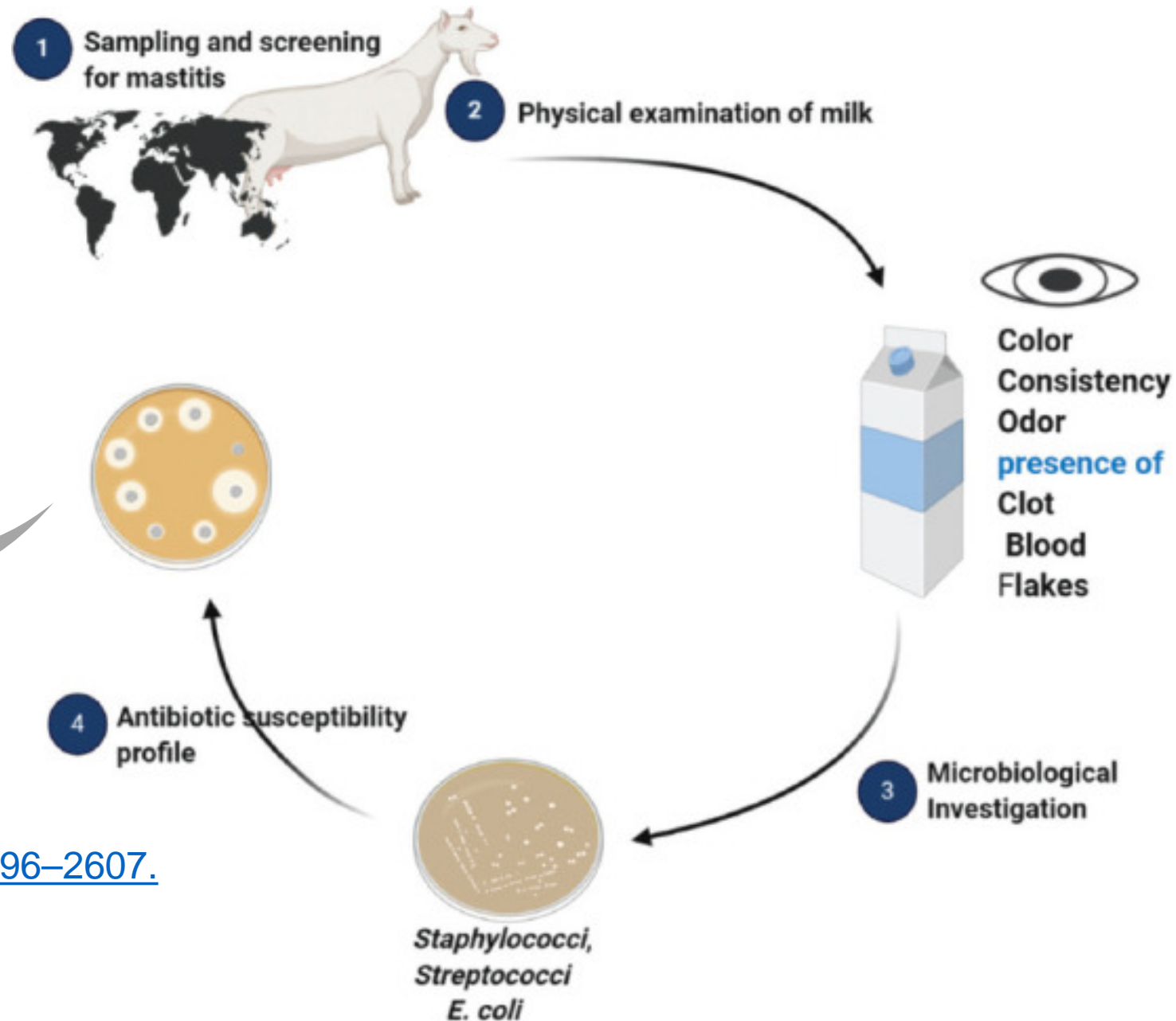
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Decision making for selection of antibiotic for mastitis treatment

PMC full text: [Vet World. 2020 Dec; 13\(12\): 2596–2607.](#)

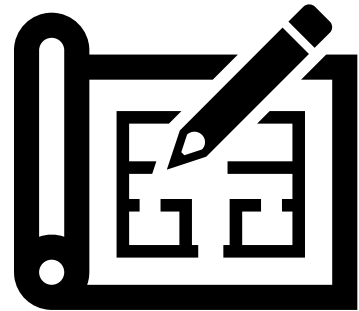
Published online 2020 Dec

8. doi: [10.14202/vetworld.2020.2596-2607](https://doi.org/10.14202/vetworld.2020.2596-2607)

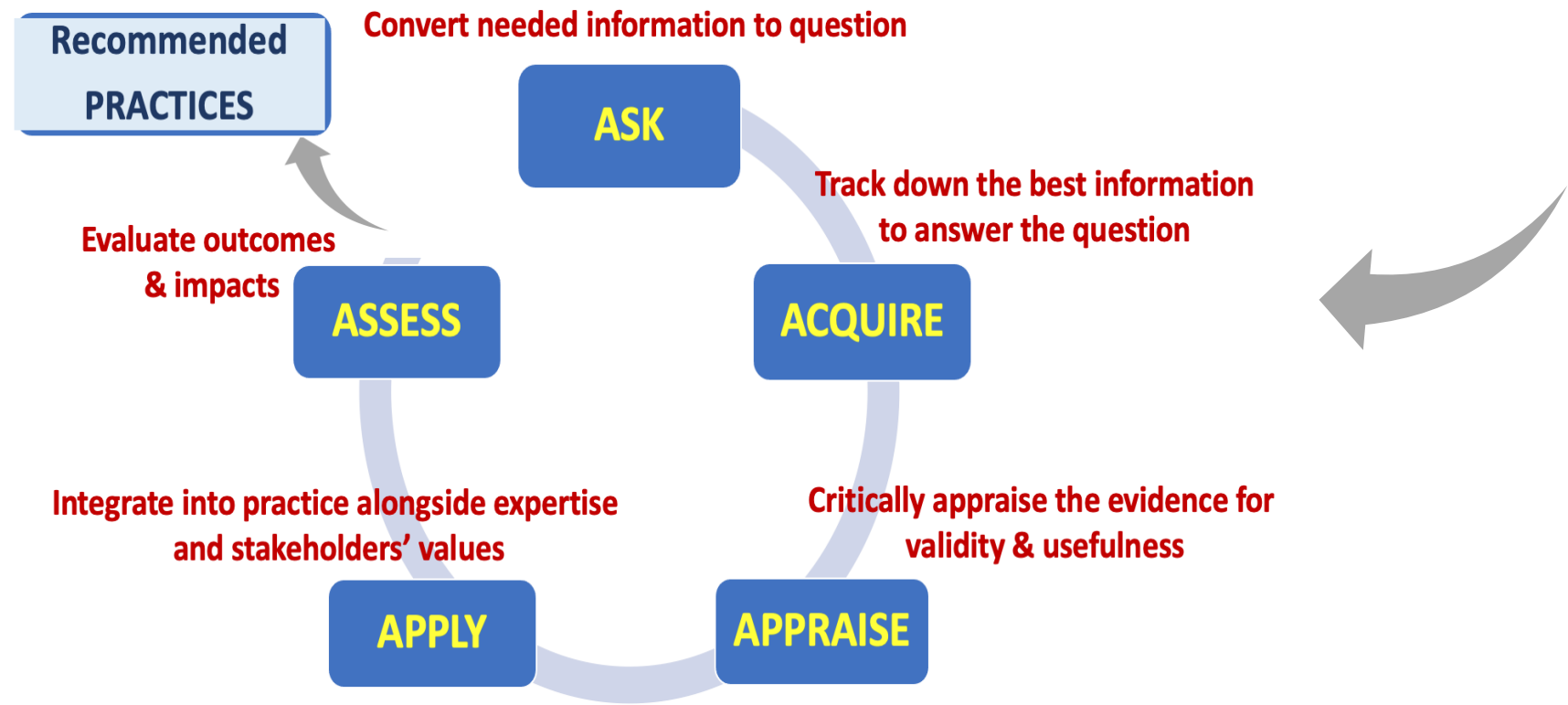




Need to apply proper concepts and methodology



Guidelines and tools





Market 2



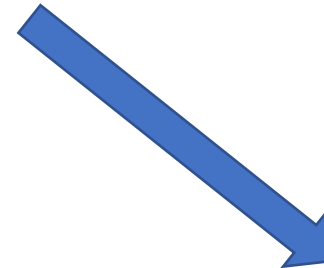
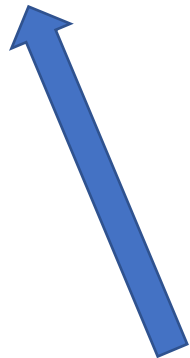
Market 1

Actions to be taken ?

**@ Market closure
@ Early warning**

Village A

Village B



Village C

Impacts of disease control measures



Market 2

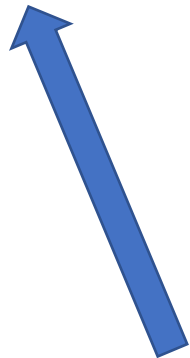


Market 1

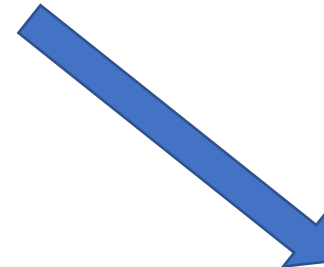


Market 3

Village A



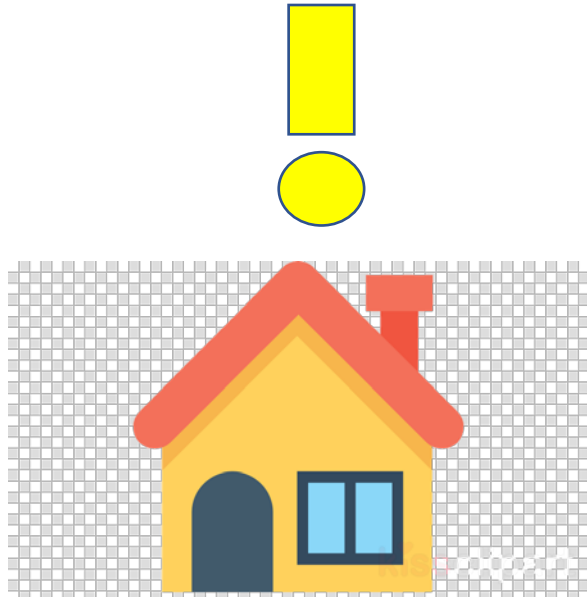
Village B



OVERSTOCK

Village C

@ Emergency slaughter and processing in village C
@ Adjustment of value chain – increase in poultry
Supply to Market 3



Market 2



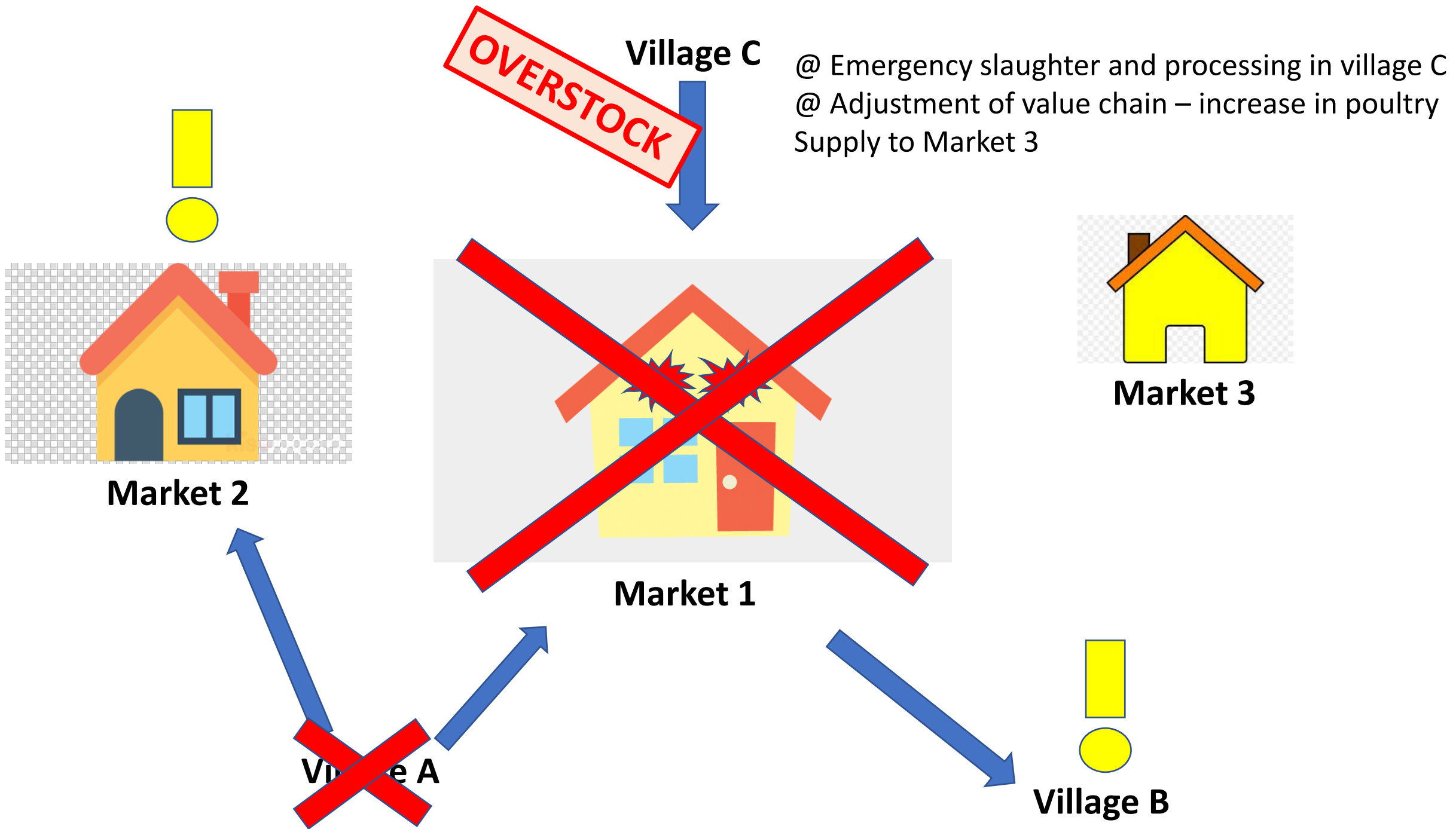
Market 1



Market 3

Village A

Village B



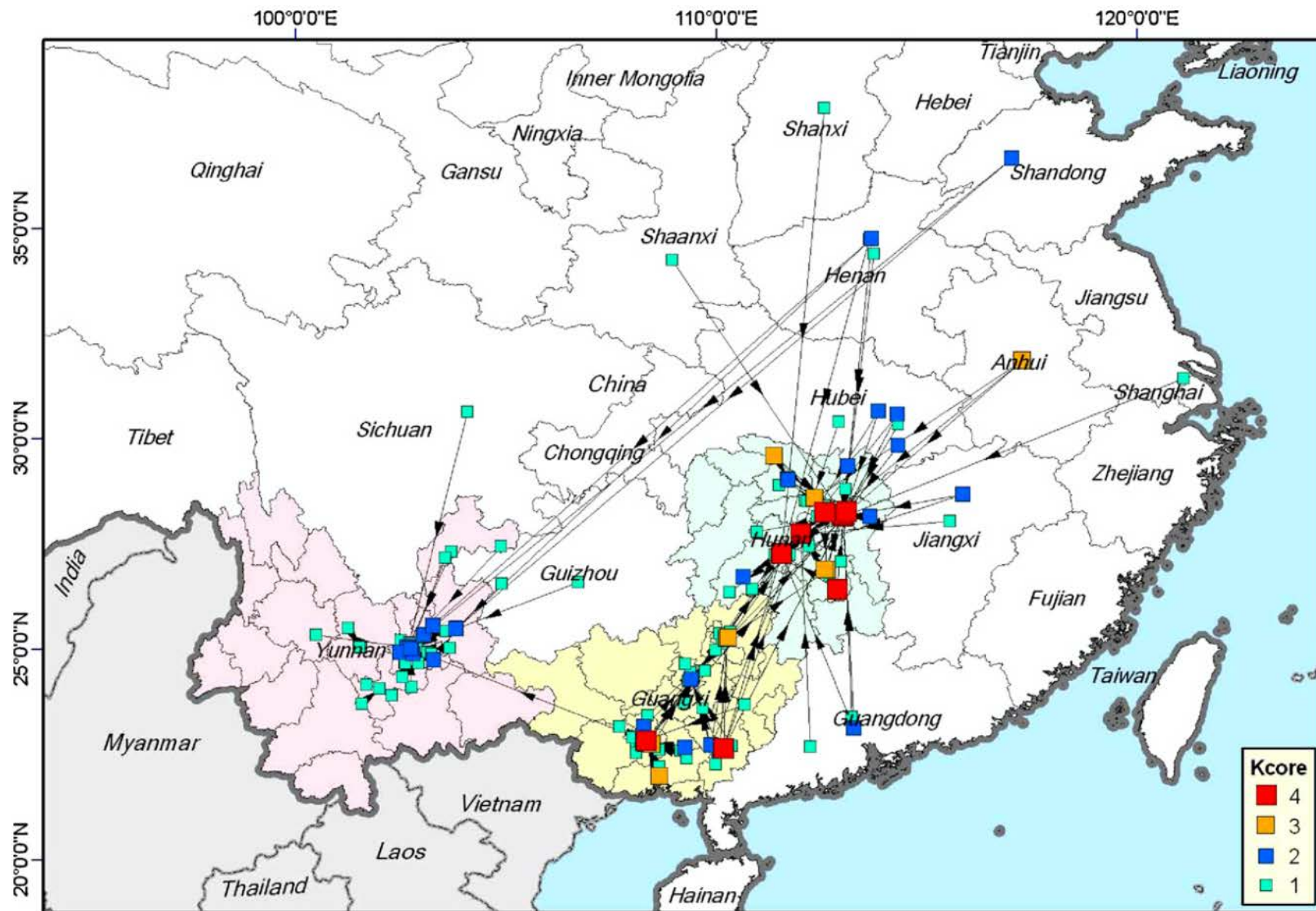


Fig. 3. Representation of the 2 mode “market–source node” network of poultry movement in southern China according to the k -core value. The k -core is a network parameter that measures the centrality of a node within a network. Some Live Bird Markets have a higher k -core than others, especially in Hunan and Guangxi provinces, where some LBM displayed a maximum k -core value of 4 and could play a greater role in HPAIV maintenance.



Common vaccination Practice

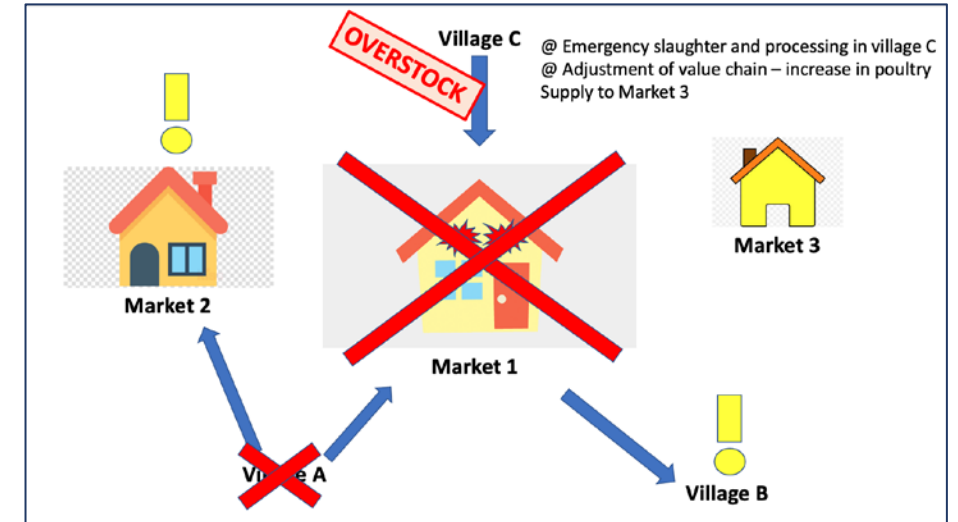
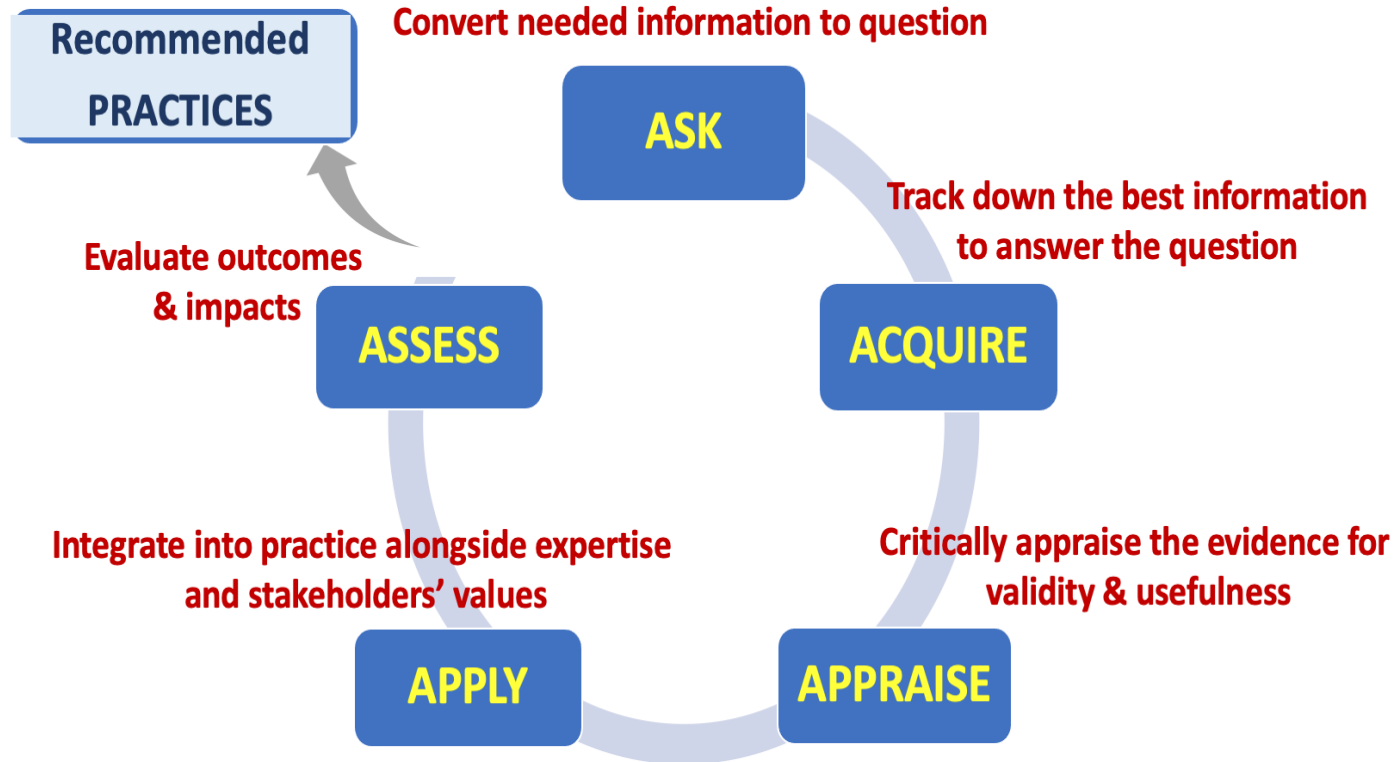


@Normal vaccination practice is not applicable.

@What evidence can be used to support vaccination in these types of herds?



Adjustment to local situation and needs
Baseline information is required in advance.
Making data available must be routine, systematic and updated.



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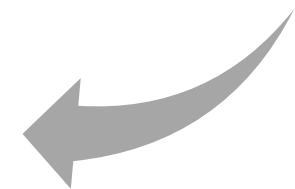
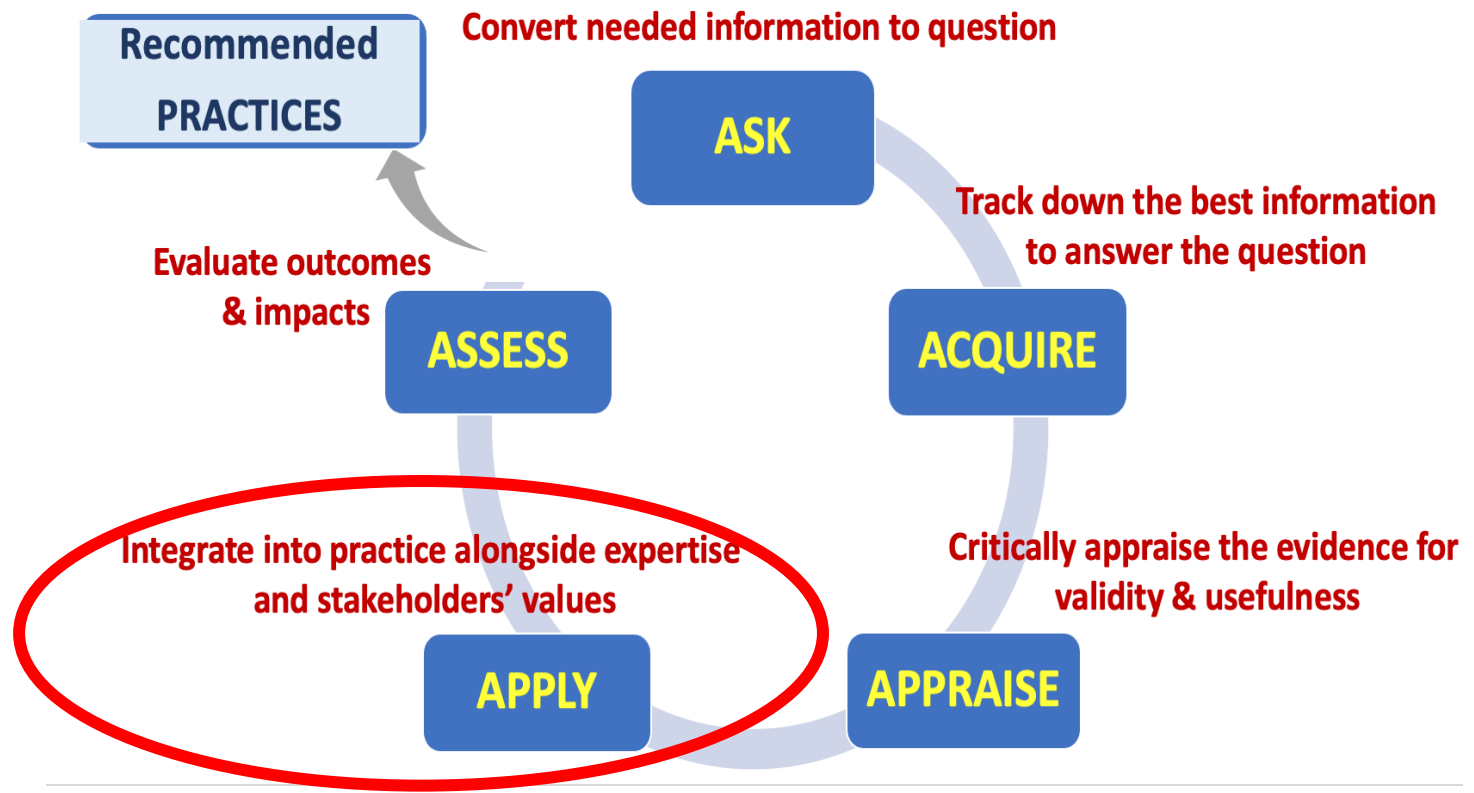
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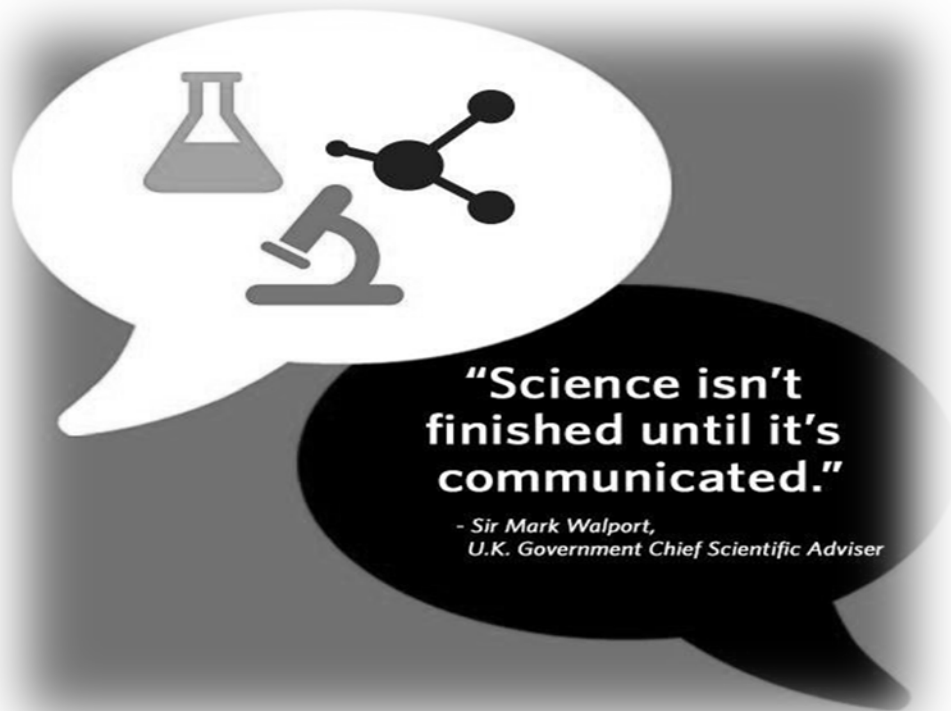




Partnership with relevant Stakeholders is required.



Personal opinion might lead to bias so need to be scientifically validated !!



Communication among relevant stakeholders:

- Specific objectives for targeted stakeholders
- Technologies
- Communication platform – social medias
- Fake news



What are the
outputs of
evidence
development
process ?



Convert needed information to question

1. ASK

Track down the best information to answer the question

2. ACQUIRE

Critically appraise the evidence for validity & usefulness

3. APPRAISE

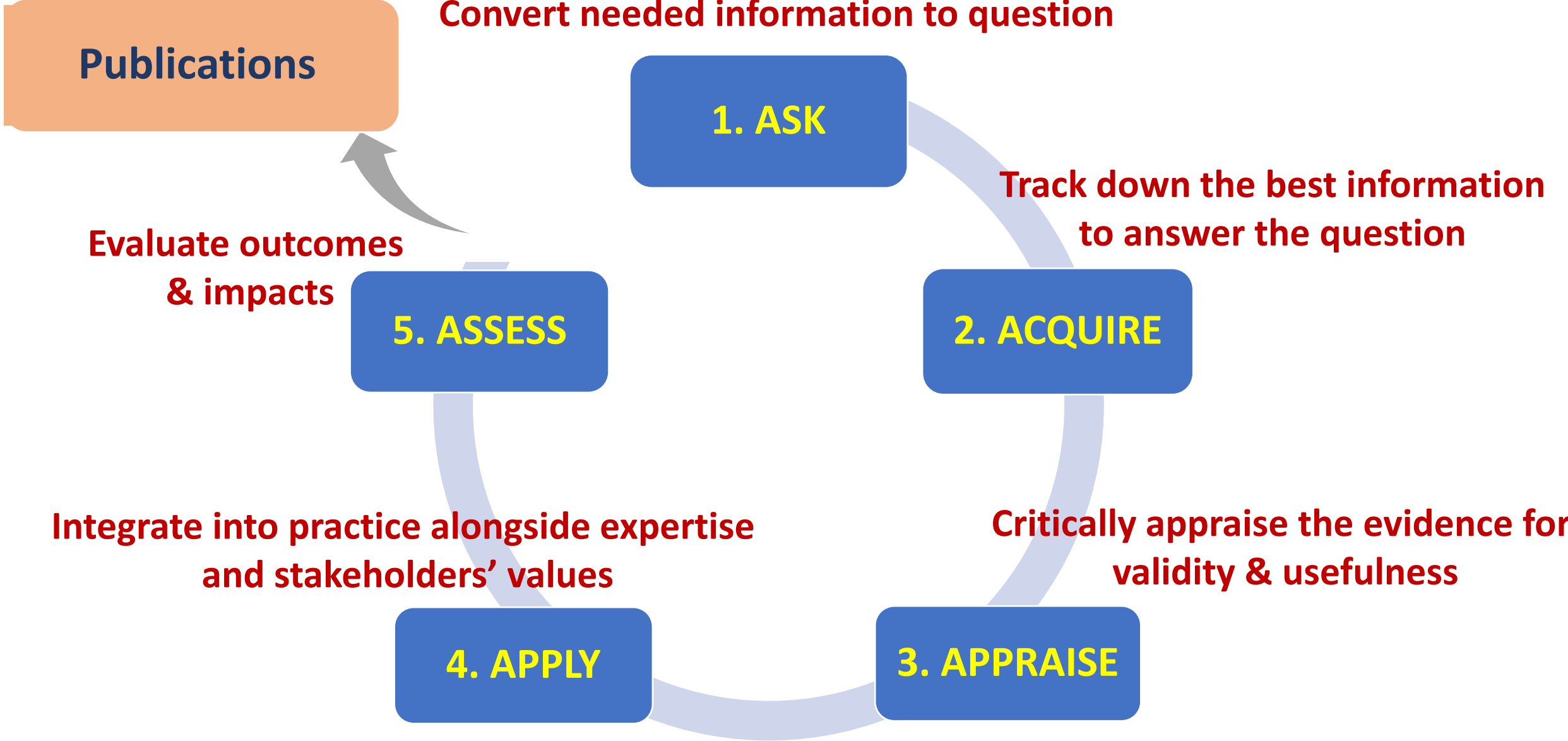
Integrate into practice alongside expertise and stakeholders' values

4. APPLY

Evaluate outcomes & impacts

5. ASSESS

Publications



New policies

Recommended PRACTICES

Convert needed information to question

ASK

Track down the best information to answer the question

ACQUIRE

Evaluate outcomes & impacts

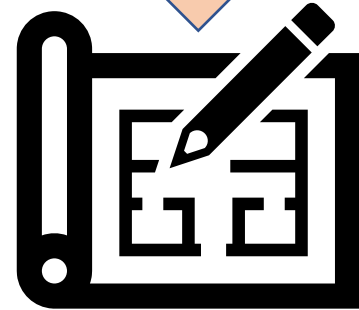
ASSESS

Critically appraise the evidence for validity & usefulness

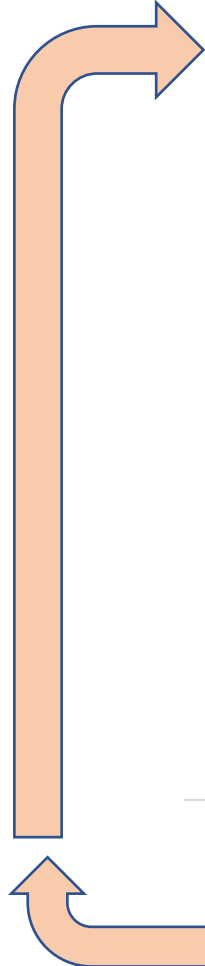
APPRAISE

Integrate into practice alongside expertise and stakeholders' values

APPLY

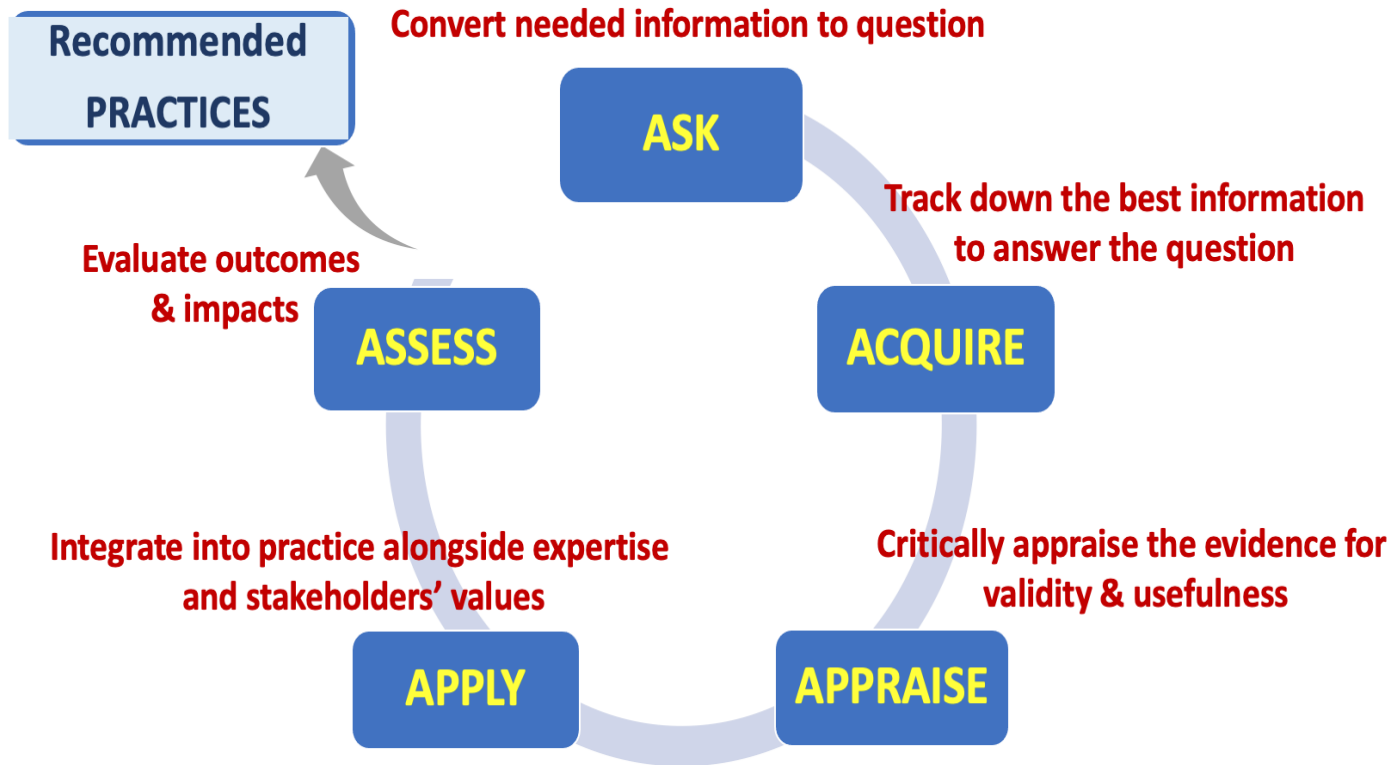


Guidelines and tools for practices





Policy advocacy to enable the utilization of evidence based practices



- Decision supporting tools
- Herd health management softwares
- Commercial VS customized
- Livestock and pets

Evidence Based Veterinary Practices



- the application of the concepts and methods of science to generating knowledge and making better decisions and veterinary practices to provide best benefits to relevant stakeholders.
- Scientific mindset
- Make it routine and systematic utilizing updated technology
- Communicate/disseminate evidence effectively

