

Supplementary 4 – Detailed summary of eDelphi outcomes

| eDelphi Priorities for improving primary prevention of ARF Summary of results Presented in order of % rated high priority by participants Endorsed concepts, endorsed strategies, endorsed actions and elements not endorsed *Indicates item added in Round 2 based on Round 1 feedback from participants ♦Indicates concept which was re-rated in Round 2 based on intermediate Round 1 feedback from participants (Items in brackets indicate strategies which were the same as concepts and were not presented to participants through the REDCap database to avoid duplication but retained for structural consistency) | Number of responses | Number rated as high priority (4 or 5) | %4 or 5 |
|--|---------------------|--|---------|
| Concept Engage communities at risk of ARF in preventing the disease | 21 | 20 | 95 |
| (Strategy Engage communities at risk of ARF in preventing the disease) | 21 | 20 | 95 |
| Action Support community leaders to develop and facilitate key messages about sore throat and skin sores | 19 | 15 | 79 |
| Action Share positive local stories about good news examples of treating skin sores/sore throat | 19 | 12 | 73 |
| Strategy* Engage communities by addressing attitudes to skin sores and sore throat including reducing stigma and de-normalising sores | 16 | 16 | 100 |
| Strategy* Engage communities by improving access to local information about the rates of Strep A infection, ARF and RHD | 16 | 11 | 69 |
| Concept Activate or empower people to seek health services for skin sores and sore throat | 20 | 17 | 85 |
| Strategy Encourage people to actively seek assessment/treatment of skin sores | 17 | 16 | 94 |
| Action Train parents and caregivers to ask for recommended assessment of skin sores/sore throat | 16 | 14 | 88 |
| Action Train or support children on how to ask for their sore throat/skin sores to be assessed/treated | 16 | 13 | 75 |
| Action Develop the idea of a 'skin check' visit that people can ask for when they attend clinic | 16 | 11 | 69 |
| Strategy* Provide health services for skin sores and sore throat at schools | 16 | 14 | 88 |
| Strategy* Invite people to suggest strategies for reducing their own risk of skin sores/sore throat | 16 | 11 | 69 |
| Concept Support people at risk of ARF/RHD to be engaged in their own health care and self-management | 20 | 17 | 85 |
| Strategy Support engagement by involving community in delivery of health care | 17 | 16 | 94 |
| Action Ensure community control of health care services in communities with a high burden of ARF or RHD | 16 | 14 | 88 |
| Strategy Support people seeking care to engage with assessment and treatment of skin sores and sore throat | 17 | 15 | 88 |
| Action Provide training or support for people in communities with a high burden of ARF or RHD to be empowered health care consumers | 15 | 13 | 87 |
| Action Employ care navigators or support people to attend appointments | 15 | 9 | 60 |
| Strategy Ensure health staff support and encourage people engaging in their own healthcare | 17 | 15 | 88 |
| Action Train clinic drivers, receptionists and other staff about the importance of skin sores and sore throat so these conditions are never minimised or dismissed | 15 | 13 | 87 |
| Action Train health staff to validate or congratulate people who present for assessment and treatment of skin sores and sore throat | 15 | 13 | 80 |
| Action Train health staff to provide clear information and encouragement about why skin sores/sore throat need treatment | 15 | 10 | 67 |
| Strategy* Establish meaningful community governance mechanisms for skin sore and sore throat control strategies | 17 | 14 | 82 |
| Strategy* Develop peer support mechanisms for people at risk of ARF and RHD to learn more about Strep A infections and treatment | 16 | 11 | 69 |
| Strategy* Teach and empower people to do their own skin sore dressings | 16 | 9 | 56 |
| Strategy* Develop digital tools like apps or reminder texts to support self-management of skin sores and sore throat | 16 | 6 | 38 |

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| Concept Health promotion to increase assessment and treatment of sore throat and skin sores | 22 | 18 | 82 |
| Strategy* Ensure health promotion occurs in local Aboriginal and Torres Strait Island languages | 16 | 16 | 100 |
| Strategy Targeted public education on the specific risks of skin sores and sore throat | 17 | 16 | 94 |
| Action Teach parents and families about the cause and risks of skin sores and sore throat through community events | 16 | 16 | 100 |
| Action Train health care workers to educate children and families about the risk of skin sore and sore throat | 16 | 15 | 94 |
| Action Teach children about the cause and risks of skin sores and sore throat at school | 16 | 14 | 88 |
| Strategy General public education to 'denormalise' skin sores | 17 | 12 | 71 |
| Strategy General public education about skin sores, sore throat, ARF and RHD | 17 | 11 | 65 |
| Strategy General public education on germs causing disease | 17 | 9 | 53 |
| Concept Provide practical or physical support to assist people to access health services* | 16 | 14 | 88 |
| Strategy Improve transport for people to attend clinic for skin sores and sore throat | 14 | 12 | 86 |
| Action Fund primary care clinics to provide transport for people who need assessment and treatment | 12 | 11 | 92 |
| Action provide education for temporary care providers (boarding schools, out of home carers) on the need for assessment and treatment of skin sores and sore throat | 14 | 9 | 64 |
| Strategy* Develop systems for people to send photos of skin sores or communicate with the clinic from outreach services | 14 | 8 | 57 |
| Strategy Extend clinic opening hours so that people can attend for assessment/treatment for more the day | 16 | 9 | 56 |
| Concept Make health care delivery more acceptable* | 16 | 13 | 81 |
| Strategy Provide culturally acceptable care | 12 | 12 | 100 |
| Action Routinely ask patients/consumers whether care experience culturally appropriate | 12 | 11 | 92 |
| Action Provide health staff training on how to deliver culturally appropriate care | 12 | 10 | 83 |
| Action Use or develop new terms for skin sores and sore throat in Aboriginal and Torres Strait Islander languages | 12 | 10 | 83 |
| Action Teach health staff Aboriginal or Torres Strait Islander languages | 12 | 7 | 58 |
| Strategy Increase the amount of care delivered by Aboriginal and Torres Strait Islander people | 12 | 12 | 100 |
| Action Develop workforce strategies to recruit, train and retain Aboriginal and Torres Strait Islander people in primary health care | 12 | 12 | 100 |
| Action Amend legislation to allow Aboriginal and Torres Strait Islander Health Practitioners to give medications for sore throat/skin sores in all jurisdictions | 12 | 11 | 100 |
| Action* Work with the community to recruit local Aboriginal and Torres Strait Islander staff | 16 | 15 | 94 |
| Action* Develop support roles for Aboriginal and Torres Strait Islander people without formal health worker training | 16 | 15 | 94 |
| Strategy* Provide formal, high quality, unconscious bias and cultural competence training for staff | 16 | 9 | 56 |
| Strategy* Facilitate use of traditional medications for skin sores and sore throat alongside guideline-based care | 16 | 8 | 50 |
| Concept Improve treatment of scabies, which can cause skin damage, which contributes to skin sores* | 16 | 13 | 81 |
| (Strategy Improve treatment of scabies, which can cause skin damage, which contributes to skin sores) | 16 | 13 | 81 |
| Action Develop systems for household outreach for assessment and treatment when someone from the household is diagnosed with scabies | 15 | 15 | 100 |
| Action Ensure everyone attending the clinic gets treatment for scabies and any skin sores present | 15 | 14 | 93 |
| Strategy* Provide or advocate for housing and environmental health services for people with scabies and skin sores | 16 | 14 | 88 |
| Action* Provide or advocate for facilities for people with scabies to wash clothes and bedding | 16 | 12 | 75 |
| Strategy* Develop specific resources about scabies and use of treatments in local language | 16 | 13 | 81 |
| Concept Make it easier for people to access assessment and treatment of skin sores/sore throat* | 17 | 12 | 75 |

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| Concept Train or educate health care staff* | 16 | 12 | 75 |
| Concept Make assessment and treatment of skin sores/sore throat available in more places* | 16 | 11 | 69 |
| Concept Support quality of care delivery* | 16 | 9 | 56 |
| Concept Improve clinical guidelines on the assessment and management of skin sores and sore throat | 20 | 11 | 55 |
| Concept Improve service delivery by reducing costs to clinics | 20 | 9 | 45 |
| Concept Actively work to identify people with skin sores* | 16 | 6 | 38 |
| Concept Reduce the costs for people seeking assessment/treatment of skin sores/sore throat | 20 | 6 | 30 |

