Appendix 1:

Equality & Health Impact Assessment for

Vaccine (Handling and Storage) Cold Chain Management Procedure

Please read the Guidance Notes in Appendix 1 prior to commencing this Assessment

Please note:

- The completed Equality & Health Impact Assessment (EHIA) must be
 - Included as an appendix with the cover report when the strategy, policy, plan, procedure and/or service change is submitted for approval
 - Published on the intranet and internet pages as part of the consultation (if applicable) and once agreed.
- Formal consultation must be undertaken, as required
- Appendices 1-3 must be deleted prior to submission for approval

Please answer all questions:-

| 1. | For service change, provide the title of the Project Outline Document or Business Case and Reference Number | Vaccine (Handling and Storage) Cold Chain Management Procedure |
|----|---|---|
| 2. | Name of Corporate Directorate and title of lead member of staff, including contact details | Rhiannon Beaumont-Wood, Executive Director Quality, Nursing and Allied Healthcare Professionals. Jennie Leleux, Lead Nurse for Infection Prevention & Control, jennie.leleux2@wales.nhs.uk |
| 3. | Objectives of strategy/ policy/ plan/ procedure/ service | To ensure that vaccines are stored in accordance to temperature recommendations thus remaining potent at point of delivery and complying with licensing requirements. |

| 4. | considered. For example population data staff and service users data, as applicable needs assessment engagement and involvement findings research good practice guidelines participant knowledge list of stakeholders and how stakeholders have engaged in the development stages comments from those involved in the designing and development stages Population pyramids are available from Public Health Wales Observatory and the 'Shaping Our Future Wellbeing' Strategy provides an overview of health need. | To remain potent, vaccines must be stored within the manufacturers' recommended storage temperatures usually at 2 to 8°C. Failure to store vaccines correctly can reduce vaccine effectiveness and cause vaccine failure in addition to being wasteful and costly to the NHS. Staff providing vaccination services must be aware of the professional responsibilities and standards in the management of handling and storage of vaccines in line with national guidance. The following national documents have been referred to: • UK Health Security Agency (2013) Immunisation against infectious disease, Storage, distribution and disposal of vaccines: the green book, chapter 3. Storage, distribution and disposal of vaccines: the green book, chapter 3 - GOV.UK (www.gov.uk) • Advisory Document on Ordering, Storage and Handling of Vaccines. All Wales VPDP. 7th revision vaccine handling and storage advice Sept 17.pdf (wales.nhs.uk) • Vaccine Incident Guidance Responding to errors in vaccine storage, handling and administration Vaccine Incident Guidance (publishing.service.gov.uk) • The National Health Service (General Medical Services Contracts) (Wales) Regulations 2004 The National Health Service (General Medical Services Contracts) (Wales) Regulation.gov.uk) Members of the Public Health Wales Flu Vaccine Delivery Planning Group have been consulted in the review/development of this procedure. This includes members of the Vaccine Preventable Disease Programme. |
|----|---|--|
| 5. | Who will be affected by the strategy/ policy/ plan/ procedure/ service | This procedure will apply to all staff employed by Public Health Wales who are involved in the delivery of an internal vaccination programme. |

| | Staff would be potentially be impacted by in terms of their immune response to the vaccine if the vaccine efficacy has been affected by failure to follow the Cold Chain Procedure. |
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6. EQIA / How will the strategy, policy, plan, procedure and/or service impact on people?

Questions in this section relate to the impact on people on the basis of their 'protected characteristics'. Specific alignment with the 7 goals of the Well-being of Future Generations (Wales) Act 2015 is included against the relevant sections.

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts | Recommendations for improvement/ mitigation | Action taken by Directorate / Division. Make reference to where the mitigation is included in the document, as appropriate |
|---|--|---|--|
| 6.1 Age For most purposes, the main categories are: under 18; between 18 and 65; and over 65 | The procedure for cold chain management will not discriminate against any groups in society based on age. | None | N/A |
| 6.2 Persons with a disability as defined in the Equality Act 2010 Those with physical impairments, learning disability, sensory loss or impairment, mental health conditions, long-term medical conditions such as diabetes | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.2. | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts | Recommendations for improvement/ mitigation | Action taken by Directorate / Division. Make reference to where the mitigation is included in the document, as appropriate |
|--|--|---|--|
| 6.3 People of different genders: Consider men, women, people undergoing gender reassignment NB Gender-reassignment is anyone who proposes to, starts, is going through or who has completed a process to change his or her gender with or without going through any medical procedures. Sometimes referred to as Trans or Transgender | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.3. | None | N/A |
| 6.4 People who are married or who have a civil partner. | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.4. | None | N/A |
| 6.5 Women who are expecting a baby, who | The procedure for cold chain management will not | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts | Recommendations for improvement/ mitigation | Action taken by Directorate / Division. Make reference to where the mitigation is included in the document, as appropriate |
|---|--|---|--|
| are on a break from work after having a baby, or who are breastfeeding. They are protected for 26 weeks after having a baby whether or not they are on maternity leave. | discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.5. | | |
| 6.6 People of a different race, nationality, colour, culture or ethnic origin including non-English speakers, gypsies/travellers, migrant workers | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.6. | None | N/A |
| 6.7 People with a religion or belief or with no religion or belief. The term 'religion' includes a religious or philosophical belief | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.7. | None | N/A |
| 6.8 People who are attracted to other people of: | The procedure for cold chain management will not | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts | Recommendations for improvement/ mitigation | Action taken by Directorate / Division. Make reference to where the mitigation is included in the document, as appropriate |
|---|--|---|--|
| the opposite sex (heterosexual); the same sex (lesbian or gay); both sexes (bisexual) | discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.8. | | |
| 6.9 People who communicate using the Welsh language in terms of correspondence, information leaflets, or service plans and design Well-being Goal – A Wales of vibrant culture and thriving Welsh language | If produced in both English and Welsh, the Procedure for Cold Chain Management will not discriminate against any person who wishes to communicate in Welsh. However, ensuring the availability of copies in both language may cause a delay in the process of publication. | Require Translation services to convert the document into Welsh for publication. If communication is required in Welsh then access to translation services will be required. | To translate document as per PHW policy. |
| 6.10 People according to their income related group: Consider people on low income, economically inactive, unemployed/workless, people who are unable to work due to ill-health | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.10. | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts | Recommendations for improvement/ mitigation | Action taken by Directorate / Division. Make reference to where the mitigation is included in the document, as appropriate |
|--|--|--|--|
| 6.11 People according to where they live: Consider people living in areas known to exhibit poor economic and/or health indicators, people unable to access services and facilities | The procedure for cold chain management will not discriminate against any groups in society based on the characteristics of those defined under the Equality Act as outlined at 6.11. | None | N/A |
| 6.12 Consider any other groups and risk factors relevant to this strategy, policy, plan, procedure and/or service | Successful cold chain management requires the monitoring of the fridge onsite each working day. As many staff are now working from home, assurance must be gained that someone trained will be available to check the fridge each day. | A rota to be drawn up identifying named people with the responsibility of checking the fridge and managing any issues. | Nurses from the QNAHPS and HARP team identified and a rota created and shared with team members. |

7. HIA / How will the strategy, policy, plan, procedure and/or service impact on the health and well-being of our population and help address inequalities in health?

Questions in this section relate to the impact on the overall health of individual people and on the impact on our population. Specific alignment with the 7 goals of the Well-being of Future Generations (Wales) Act 2015 is included against the relevant sections.

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts and any particular groups affected | Recommendations for improvement/ mitigation | Action taken by Directorate / Division Make reference to where the mitigation is included in the document, as appropriate |
|---|---|---|---|
| 7.1 People being able to access the service offered: Consider access for those living in areas of deprivation and/or those experiencing health inequalities Well-being Goal - A more equal Wales | Adherence to the procedure enables staff to be offered a potent flu vaccine while in worktime. Use of a vaccine carrier used according to procedure enables vaccine to be taken to community sites away from the main PHW sites in order to reach staff who may find it hard to | None | N/A |
| 7.2 People being able to improve /maintain healthy lifestyles: Consider the impact on healthy lifestyles, including healthy eating, being active, no smoking /smoking cessation, reducing the | travel to the main sites. Maintaining the potency of the vaccines ensures that staff are offered the best protection against influenza which in turn protects their colleagues, their patients and their communities. | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts and any particular groups affected | Recommendations for improvement/ mitigation | Action taken by Directorate / Division Make reference to where the mitigation is included in the document, as appropriate |
|--|---|---|---|
| harm caused by alcohol and /or non-prescribed drugs plus access to services that support disease prevention (eg immunisation and vaccination, falls prevention). Also consider impact on access to supportive services including smoking cessation services, weight management services etc Well-being Goal – A healthier Wales | | | |
| 7.3 People in terms of their income and employment status: Consider the impact on the availability and accessibility of work, paid/ unpaid employment, wage levels, job security, working conditions | Protecting staff from influenza infection reduces the amount of absence. Covering staff sickness brings added pressure and work-related stress to colleagues. | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts and any particular groups affected | Recommendations for improvement/ mitigation | Action taken by Directorate / Division Make reference to where the mitigation is included in the document, as appropriate |
|---|---|---|--|
| Well-being Goal – A prosperous Wales | | | |
| 7.4 People in terms of their use of the physical environment: Consider the impact on the availability and accessibility of transport, healthy food, leisure activities, green spaces; of the design of the built environment on the physical and mental health of patients, staff and visitors; on air quality, exposure to pollutants; safety of neighbourhoods, exposure to crime; road safety and preventing injuries/accidents; quality and safety of play areas and open spaces Well-being Goal – A resilient Wales | None | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts and any particular groups affected | Recommendations for improvement/ mitigation | Action taken by Directorate / Division Make reference to where the mitigation is included in the document, as appropriate |
|--|---|---|---|
| 7.5 People in terms of social and community influences on their health: Consider the impact on family organisation and roles; social support and social networks; neighbourliness and sense of belonging; social isolation; peer pressure; community identity; cultural and spiritual ethos Well-being Goal – A Wales of cohesive communities | No impacts identified. | None | N/A |
| 7.6 People in terms of macro-economic, environmental and sustainability factors: Consider the impact of government policies; gross domestic product; economic development; biological diversity; climate | Maintaining the cold chain protects against unusable vaccines and waste. | None | N/A |

| How will the strategy, policy, plan, procedure and/or service impact on:- | Potential positive and/or negative impacts and any particular groups affected | improvement/ | Action taken by Directorate / Division Make reference to where the mitigation is included in the document, as appropriate |
|---|---|--------------|---|
| Well-being Goal – A globally responsible Wales | | | |

Please answer question 8.1 following the completion of the EHIA and complete the action plan

Action Plan for Mitigation / Improvement and Implementation

| | Action | Lead | Timescale | Action taken by Directorate / Division |
|---|---|------|-----------|---|
| 8.2 What are the key actions identified as a result of completing the EHIA? | To convert the procedure into the Welsh language using translation services | JL | 1 month | Supported access to translation service |

| | Action | Lead | Timescale | Action taken by Directorate / Division |
|--|--------|------|-----------|--|
| 8.3 Is a more comprehensive Equalities Impact Assessment or Health Impact Assessment required? | No | | | |
| This means thinking about relevance and proportionality to the Equality Act and asking: is the impact significant enough that a more formal and full consultation is required? | | | | |

| | Action | Lead | Timescale | Action taken by Directorate / Division |
|---|--------|------------------|---|--|
| 8.4 What are the next steps? Some suggestions:- Decide whether the strategy policy, plan, procedure and service proposal: continues unchanged as there are no significant negative impacts adjusts to account for the negative impacts continues despite potential for adverse impact or missed opportunities to advance equality (set out the justifications for doing so) stops. Have your strategy, policy, plan, procedure and/or service proposal approved Publish your report of this impact assessment Monitor and review | | Jennie Leleux | As per Corporate Policies, Procedures and Other Written Control Documents Managemen Procedure | - |

Appendix 1

Equality & Health Impact Assessment

Developing strategies, policies, plans and services that reflect our Vision to 'create a healthier, happier and fairer Wales'

Guidance

The Public Health Wales strategy (Integrated Medium Term Plan) 'Creating a healthier, happier and fairer Wales for everyone' (2016-2019) outlines how we exist to protect and improve health and wellbeing and reduce health inequalities for people in Wales. Our population has varied and diverse needs with some of our communities and population groups requiring additional consideration and support. With this in mind, when developing or reviewing any strategies, policies, plans, procedures or services it will be required that the following issues are explicitly included and addressed from the outset:-

- Equitable access to services
- Service delivery that addresses health inequalities
- Sustainability and how Public Health Wales is meeting the requirements of the Well-being of Future Generations (Wales) Act (2015)¹

This explicit consideration of the above will apply to strategies, policies, plans, procedures and services /activity.

Considering and completing the Equality & Health Impact Assessment (EHIA) in parallel with development stages will ensure that all organisational strategies, policies, plans, procedures or services comply with relevant statutory obligations and responsibilities and at the same time takes forward the organisation's Vision, plan and its strategic priorities. This process should be proportionate but still provide helpful and robust information to support decision making. Where a more detailed consideration of an issue is required, the Integrated Screening Tool will identify if there is a need for a full impact assessment.

¹ http://thewaleswewant.co.uk/about/well-being-future-generations-wales-act-2015

Some key statutory/mandatory requirements that strategies, policies, plans, procedures and services must reflect include:

- All Wales Standards for Communication and Information for People with Sensory Loss (2014)²
- Equality Act 2010³
- Well-being of Future Generations (Wales) Act 2015⁴
- Social Services and Well-being (Wales) Act 2015⁵
- Health Impact Assessment (non statutory but good practice)⁶
- The Human Rights Act 1998⁷
- United Nations Convention on the Rights of the Child 1989⁸
- United Nations Convention on Rights of Persons with Disabilities 2009⁹
- United Nations Principles for Older Persons 1991¹⁰
- Welsh Health Circular (2015) NHS Wales Infrastructure Investment Guidance¹¹
- Welsh Government Health & Care Standards 2015¹²
- Welsh Language (Wales) Measure 2011¹³

This EHIA allows us to meet the requirements of the above as part of an integrated impact assessment method that brings together Equality Impact Assessment (EQIA) and Health Impact Assessment (HIA). A number of statutory /mandatory requirements will need to be included and failure to comply with these requirements, or demonstrate due regard, can expose the organisation to legal challenge or other forms of reproach. This means showing due regard to the need to:

- eliminate unlawful discrimination, harassment and victimisation;
- advance equality of opportunity between different groups; and
- foster good relations between different groups.

² http://gov.wales/topics/health/publications/health/guidance/standards/?lang=en

³ https://www.gov.uk/guidance/equality-act-2010-guidance

⁴ http://gov.wales/topics/people-and-communities/people/future-generations-act/?lang=en

⁵ http://gov.wales/topics/health/socialcare/act/?lang=en

⁶ http://www.wales.nhs.uk/sites3/page.cfm?orgid=522&pid=63782

⁷ https://www.equalityhumanrights.com/en/human-rights/human-rights-act

⁸ http://www.unicef.org.uk/UNICEFs-Work/UN-Convention

⁹ http://www.un.org/disabilities/convention/conventionfull.shtml

¹⁰ http://www.ohchr.org/EN/ProfessionalInterest/Pages/OlderPersons.aspx

¹¹ http://www.wales.nhs.uk/sites3/Documents/254/WHC-2015-012%20-%20English%20Version.pdf

¹² http://gov.wales/topics/health/publications/health/guidance/care-standards/?lang=en

¹³ http://www.legislation.gov.uk/mwa/2011/1/contents/enacted

EQIAs assess whether a proposed policy, procedure, service change or plan will affect people differently on the basis of their 'protected characteristics' (ie their age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion, sex or sexual orientation) and if it will affect their human rights. It also takes account of caring responsibilities and Welsh Language issues.

They provide a systematic way of ensuring that legal obligations are met and are a practical means of examining new and existing policies and practices to determine what impact they may have on equality for those affected by the outcomes.

HIAs assess the potential impact of any change or amendment to a policy, service, plan, procedure or programme on the health of the population and on the distribution of those effects within the population, particularly within vulnerable groups. HIAs help identify how people may be affected differently on the basis of where they live and potential impacts on health inequalities and health equity. HIA increases understanding of potential health impacts on those living in the most deprived communities, improves service delivery to ensure that those with the greatest health needs receive a larger proportion of attention and highlights gaps and barriers in services.

The **EHIA** brings together both impact assessments in to a single tool and helps to assess the impact of the strategy, policy, plan, procedure and/or service. Using the EHIA from the outset and during development stages will help identify those most affected by the proposed revisions or changes and inform plans for engagement and co-production. Engaging with those most affected and co-producing any changes or revisions will result in a set of recommendations to mitigate negative, and enhance positive impacts. Throughout the assessment, 'health' is not restricted to medical conditions but includes the wide range of influences on people's well-being including, but not limited to, experience of discrimination, access to transport, education, housing quality and employment.

Throughout the development of the strategy, policy, plan, procedure or service, in addition to the questions in the EHIA, you are required to remember our values of *care*, *trust*, *respect*, *personal responsibility*, *integrity and kindness* and to take the Human Rights Act 1998 into account. All NHS organisations have a duty to act compatibly with and to

respect, protect and fulfil the rights set out in the Human Rights Act. Further detail on the Act is available in Appendix 2.

Completion of the EHIA should be an iterative process and commenced as soon as you begin to develop a strategy, policy, plan, procedure and/or service proposal and used again as the work progresses to keep informing you of those most affected and to inform mitigating actions. It should be led by the individual responsible for the strategy, policy, plan, procedure and/or service and be completed with relevant others or as part of a facilitated session. Some useful tips are included in Appendix 3.

For further information please contact Andrew Richardson, Corporate Governance Manager (andrew.richardson2@wales.nhs.uk) or Sarah Morgan, Diversity and Inclusion Manager, (Sarah.Morgan67@wales.nhs.uk).

Based on

- Cardiff Council (2013) Statutory Screening Tool Guidance.
- NHS Scotland (2011) Health Inequalities Impact Assessment: An approach to fair and effective policy making. Guidance, tools and templates.¹⁴
- Wales Health Impact Assessment Support Unit (2012) Health Impact Assessment: A Practical Guide.¹⁵

¹⁴ http://www.healthscotland.com/uploads/documents/5563-HIIA%20-

^{%20}An%20approach%20to%20fair%20and%20effective%20policy%20making.pdf (accessed 4 January 2016)

Appendix 2 – The Human Rights Act 1998¹⁶

The Act sets out our human rights in a series of 'Articles'. Each Article deals with a different right. These are all taken from the European Convention on Human Rights and are commonly known as 'the Convention Rights':

- 1. Article 2 Right to life. NHS examples: the protection and promotion of the safety and welfare of patients and staff
- 2. Article 3 Freedom from torture and inhuman or degrading treatment. NHS examples: issues of dignity and privacy, the protection and promotion of the safety and welfare of patients and staff, the treatment of vulnerable groups or groups that may experience social exclusion, for example, gypsies and travelers, issues of patient restraint and control
- 3. Article 4 Freedom from slavery and forced labour
- 4. Article 5 Right to liberty and security. NHS examples: issues of patient choice, control, empowerment and independence, issues of patient restraint and control
- 5. Article 6 Right to a fair trial
- 6. Article 7 No punishment without law
- 7. Article 8 Respect for your private and family life, home and correspondence. NHS examples: issues of dignity and privacy, the protection and promotion of the safety and welfare of patients and staff, the treatment of vulnerable groups or groups that may experience social exclusion, for example, gypsies and travelers, the right of a patient or employee to enjoy their family and/or private life
- 8. Article 9 Freedom of thought, belief and religion. NHS examples: the protection and promotion of the safety and welfare of patients and staff, the treatment of vulnerable groups or groups that may experience social exclusion, for example, gypsies and travelers
- 9. Article 10 Freedom of expression. NHS examples: the right to hold and express opinions and to receive and impart information and ideas to others, procedures around whistle-blowing when informing on improper practices of employers where it is a protected disclosure
- 10. Article 11 Freedom of assembly and association
- 11. Article 12 Right to marry and start a family
- 12. Article 14 Protection from discrimination in respect of these rights and freedoms. NHS examples: refusal of medical treatment to an older person solely because of their age, patients presented with health options without the use of an interpreter to meet need, discrimination against Trust staff on the basis of their caring responsibilities at home
- 13. Protocol 1, Article 1 Right to peaceful enjoyment of your property

¹⁶ https://www.equalityhumanrights.com/en/human-rights/human-rights-act

- 14. Protocol 1, Article 2 Right to education
- 15. Protocol 1, Article 3 Right to participate in free elections
- 16. Protocol 13, Article 1 Abolition of the death penalty

Appendix 3

Tips

- Be clear about the policy or decision's rationale, objectives, delivery method and stakeholders.
- Work through the Toolkit early in the design and development stages and make use of it as the work progresses to inform you of those most affected and inform mitigating actions
- Allow adequate time to complete the Equality Health Impact Assessment
- Identify what data you already have and what are the gaps.
- Engage with stakeholders and those most affected early. View them as active partners rather than passive recipients of your services.
- Remember to consider the impact of your decisions on your staff as well as the public.
- Record which organisations and protected characteristic groups you engaged with, when you engaged with them and how you did so (for example, workshop, public meeting, written submission).
- Produce a summary table describing the issues affecting each protected group and what the potential mitigations are.
- Report on positive impacts as well as negative ones.
- Remember what the Equality Act says how can this policy or decision help foster good relations between different groups?
- Do it with other people! Talk to colleagues, bounce ideas, seek views and opinions.