**Maternity System Check List**

The lists below are areas you may wish to consider when procuring a new system or can be used to support productive conversations when considering driving digital maturity

**Clinical efficacy and safety**

* In line with national direction, designed with input from clinicians and aligned to the maternity pathway reflected within your LMS
* After review, reflects your assured clinical process rather than your clinical process being adapted to suite the system
* Offers simple and effective reporting capability – with ready-made reporting tools that reflect national requests and the ability to customise local bespoke reports to support your service needs e.g. able to pre-populate a local dashboard
* Decision support functionality for clinical management
* Ability to alert clinicians to missed events during the pregnancy pathway and provide alerts for up and coming interventions e.g. screening, vaccinations
* Functionality to support and track continuity of carer initiatives
* Essentially it supports recording all data in real time, at the point of care and along the complete maternity pathway, including interactions with all healthcare professionals the woman may meet
* Ability to review information remotely e.g. consultant on-call reviewing from home
* Ability to pull through relevant data collected from previous pregnancies in to current pregnancy record
* Offers an ‘Offline’ capability when there are known connectivity issues.
* Demonstrates robust continuity /disaster recovery plans. The supplier should be able to evidence their system reliability, arrangements for continuity of service and where this fails, adequate disaster recovery. E.g. secondary data warehouse feature enabling the ability to recall information regarding the woman during down time events
* Supports a seamless pathway of care regardless of location
* Contemporaneous data capture of fetal heart monitoring and ability to archive
* Can extract appropriate data regarding the newborn infant and use in addition to the woman’s episode of care
* Provide evidence base / best practice guidance to support clinical decision making

**User interface and design**

* Observe a live demonstration of the system
* Time taken to navigate between pages should be responsive and seamless
* Demonstrates a simple to use, intuitive system that staff with limited digital confidence can navigate
* Single sign on functionality or appropriate security whilst balancing ease of use
* Offers the ability to customise the ‘full product’ to provide the end user with functionality that reflects the service requirements at no additional cost. For example, hiding some options or switching off certain functionality without cost
* A clear, snap-shot and visual pathway for the woman, denoting gestation and interactions
* Meets accessible information standards where applicable, excluding recognised clinical terminology

**Data integration, reporting and security**

* Supports reporting of national data standards e.g. the Maternity services data set or MBRRACE
* Data entered is pulled through to other relevant sections without the need for users to re-key information
* Pathway logic within the system should provide intelligence that prevents further unnecessary questions being asked. For example, identifying mode of birth as caesarean would prevent the question was the baby born under water
* Safeguard vulnerable women through the secure and appropriate use of sensitive information, alerting staff whilst protecting the woman
* Has the ability to include the national Child Protection Information System Functionality (CPIS)

**Paper integration**

* Supporting paper free or paper-lite whilst being mindful that there may be requirements for some paper-based records
* Print functionality for patient education / information sharing

**Cost and contractual terms / ‘menu’**

* Clear and transparent costs for the whole system
* Clear and transparent contract terms
* Consider any additional licensing costs
* Additional hardware costs to implement the system (consider additional costs regarding infection control measures in place for technology within the clinical areas close to patients)
* Maintenance costs over the contract term
* Inclusion of new features proposed e.g. personal health records or portals
* Costs of additional ‘bolt-on’ features currently available
* Suppliers commitment to training and ‘go-live’ or implementation
* Understand from the supplier any requirements of staff to roll-out and maintain the system when considering overall costings. ‘Go-live’ being only the start

**Access and application across the community**

* Adoption and compliance with the interoperable maternity record data standard to support the community hub model, LMS footprint and wider
* Ability to interface (talk to) other systems in use that provide care for the woman such as scanning, maternal and fetal medicine, neonatal services and laboratories
* Functionality that supports handover of care to other services such as GPs, Health Visitors or other maternity providers
* Able to access and update records off-line, with ability to synchronise and update when on the network or using wi-fi.

**Women’s access and information services**

* Personal health record (PHR) functionality via a portal with the ability to view or feed in to the record
* Includes the ability to view scans and test results in a controlled manner
* Presents the woman with information she wants and is relevant to her health and lifestyle
* Supports personalisation and choice preferences
* Offers a ‘pre-booking’ functionality to capture information prior to first contact with the midwife / booking appointment
* Provides women with prompts and reminders to attend appointments
* Journal type functionality that enables women to capture questions for the midwife and record pregnancy and birth preferences

**Data security and information governance**

* Supports General Data Protection Regulation (GDPR) standards dependent on system data model and requirements from the maternity service
* Has a clear policy and commitment to providing assurance and control of data security and information governance

**Customer Support and user communities / development**

* Demonstrates engagement with women as service users
* Can evidence product development and improvement that compliments current national maternity initiatives
* Ability to engage with a national user group supported by the system supplier