**DTN Committee Meeting: Monday 4th November 2024**
**2:00pm – 5:00pm**
Twort Room, Sherman Education Centre, Southwark Wing, 4th Floor, Guys & St Thomas's Hospital, London.

**MINUTES**

**Present**

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| Simon Berry (SB) (via (Zoom) | Claire Harris (CH) (via Zoom) |
| Shaun Carpenter (SC) | Peter Hammond (PH) (via Zoom) |
| Iain Cranston (IC) (via Zoom) | Sufyan Hussain (SH) |
| Jackie Elliott (JE) (via Zoom) | Amy Jolley (AJ) (via Zoom) |
| Mark Evans (ME) (via Zoom) | Alistair Lumb (AL) |
| Geraldine Gallen (GG) (via Zoom) | Tim Street (TS) |
| Fraser Gibb (FG) (via Zoom) | Emma Wilmot (EW) (via Zoom) |

**Apologies:**

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|---|---|
| Pratik Choudhary (PC) | Julia Platts (JP) |
| Ketan Dhatariya (KD) | Mark Robinson (MR) |
| Una Graham (UG) | Eleanor Scott (ES) |
| Hannah Sutton (HS) | |

1. **Welcome and Apologies**.
   AL welcomed all to the meeting and extended a special welcome to SB who is new to the committee and representing YDEF. Apologies were noted from PC, KD, HS and JP.

2. **Minutes from previous meeting and review of actions**
   The minutes of the meeting held on 22nd April were approved as being an accurate and true reflection of the proceedings.
   2.1 **Review of Actions**
      2.1.1 **HCL Tab on DTN website**
         GG reported that she has met with Heather Oliver (HRO) at RHI about creating a tab specifically for HCL to store best practise guides, relevant videos and links to resources on the website etc. She confirmed that this is now being prepared and highlighted the importance of continually developing and building the library over time and requested committee members to send any educational materials to her or HRO for inclusion. AL thanked GG for her hard work to collect and collate the resources.
      2.1.2 **Competency Framework**
         AJ announced that no committee feedback had been received and she would send a final version for committee review. The committee was asked to review the document as soon as it is received from AJ. AL commented that it would be useful to include the final version on the website.
      2.1.3 **Share John Pemberton's slides with the committee for review.**
         GG confirmed that the slides had been prepared to be available on the website for people to use when delivering regional events. She confirmed that she would share John Pemberton's slides with the committee for review.
      2.1.4 **Feedback from Tech Awareness Event 1st – 8th July 2024**

GG advised that DTN took the lead on providing resources for this large and successful event which will run again in 2025.

| Item | Responsible | Action | Timescale |
|------|-------------|--------|-----------|
| 2.1.1 | All | Please send any educational materials to GG or HRO for inclusion in the library tab of the website | Ongoing |
| 2.1.2 | AJ | Send final version of competency framework | 4th December 2024 |
| 2.1.2.1 | All | Review competency document and provide feedback to AJ | 31st December 2024 |
| 2.1.3 | GG | Share John Pemberton's slides with the committee for review. | 4th December 2024 |

3. **Governance – DTN Terms of Reference**

AL stressed the importance of good governance of the organisation especially as RCP and other organisations are examining the way DTN operates. He reminded the committee of discussions at the previous meeting around a more open and transparent recruitment process and a formal term of office for all committee members. It was recognised that some thought will need to be given to the composition of the committee and how the terms of office will be managed to ensure that no more than 25% of the committee leave in any given year.

The committee agreed that representatives from all four nations, experts by experience and representatives from other organisations such as YDEF and ACDC should continue to be co-opted onto the committee. It was noted that for some of these positions, such as experts by experience, may be subject to an interview process where appropriate. It was noted that a maximum of 3 Educators are required on the committee any one time with 2 being the minimum number.

It was agreed that the ex-officio chair should be able to remain on the committee for two terms after their role as committee chair completes.

The committee were happy to approve the terms of reference subject to amendments and additions following this discussion.

| Item | Responsible | Action | Timescale |
|------|-------------|--------|-----------|
| 3 | CH | Update Terms of Reference following Committee Discussion and send to the committee for final approval | 4th December 2024 |

4. **HCL roll-out – update**

Partha Kar (PK) joined the meeting and provided an update from NHSE. He confirmed that the draft evaluation to be received on 6th November will provide an idea of funding and show whether all centres have spent their budgets.

He advised of an opportunity received from NICE to re-visit the data and expand the eligibility criteria (potentially to all adults with type 1 diabetes). He confirmed that this would offer the chance to ask the question for a launch in 2026. The committee agreed that this opportunity should be progressed. JE commented that in two years' time there will be more data in areas such as paediatrics.

PK reported that the withdrawal of TA151 has been requested by paediatrics and recognised that in some areas this would have a positive affect and others it would be a hindrance. The committee discussed the use of TA151 in their areas and how in some places TA151 is used as business as usual alongside HCL.

PK highlighted that some ICSs are encouraging children, vulnerable people and young adults to switch from Dexcom G6 to FSL2 in combination with OP5. SH will lead on developing a short communication to ICS to promote the most cost-effective solution which meets the needs of the individual, and that for some people (eg those requiring a share function or predictive alerts) may require the option of using Dexcom G6.

PK reported the Digital Essentials Pack with Ypsomed will cover the gap with access to Android phones for pregnant women using the CamAPS system.

**4.1 Training resources**

### 4.1.1    Videos

GG reported that she and AJ have developed a series of videos over the summer to update and replace the current patient videos and she will be meeting with filming company shortly with the aim add the final videos to the website by the end of December. She added that a collection of vodcasts is in discussion with Break Through Diabetes to encourage the hard-to-reach audience to use technology. She added that it is currently unclear how the relationship between DTN and Break Through Diabetes will work but once this is confirmed and the funding is in place, committee members with lived experience will be asked to support the production of the vodcasts

### 4.1.2    DAFNE HCL Essentials course

JE advised that 5 out of 6 companies have signed up and Air Liquide has expressed an interest in joining.  She announced that the HCL essentials course went live for all DAPNE centres at the end April and the team is busy publicising this. JE reported that over 1,0000 Healthcare professional from both DAFNE and non-DAFNE centres accessed the materials in October and over 400 people have completed the course with only 4 of them failing the knowledge check at the end of the course. She added that positive feedback was received from most people who passed the course with well over 90% indicating they would refer the course to others.  Committee members were asked to promote the course in their areas.

### 4.1.3    DTN HCL Survey – provisional results

Ananthi Anandhakrishnan (AA) and Alexandros Liarakos (ALi) joined the meeting to present results of Hybrid closed loop healthcare professional survey. AA explained that this survey was developed following the NICE Technology Appraisal for Hybrid Closed Loop in December 2023 to gain feedback form healthcare professionals on their experiences of current commercially available HCL systems and define training needs. She advised that the survey was launched on the ABCD-DTN website on 26th July 2024 and promoted via social media, various meetings and local advertising.

AA reported there have been 613 respondents, 40% of these are diabetes nurses and 25% diabetes consultants, no responses were received from psychiatrists and GP trainees but there was a response from a board range of consultants and trainees.  AA stated that 30% specialised in adults, 30% paediatrics and the rest supported young adults and 50% of all respondents where from district general hospitals with the others were from teaching hospitals and a small amount from a community setting.

AA reported that 75% of people who completed the survey were female and most responders were aged between 36 and 55. She advised that the results showed an HCL exposure at an average of 3 diabetes clinics a week and 69.7% working in areas with specific clinics for pwT1D on CSII with an average of 3 pwT1D using CS11 seen per week. AA reported the 39% saw more than 6 pwT1D a week on OPD, 62% are involved in inpatient care of PpwT1D on HCL, 54% are involved in inpatient care of pwT1D undergoing surgery and 42% of people are using HCL in pregnancy.

AA advised that people felt quite comfortable undertaking patient education and had a good awareness of onboarding services but were less confident in data interpretation and technical issues especially amongst diabetes nurses and trainees.  She reported that people were also confident in providing advice to HCL users on hyperglycaemia management, sick day rules hypoglycaemia. when to use closed loops and MDI. AA confirmed that 66% of responders had awareness of the commercially available HCL system licensed in pregnancy but they were not as so confident with the management of pregnancy in HCL. She concluded that 75% of those who responded would like training on HCL systems and 74% would like training to be delivered as remote learning modules that can be accessed in their own time. AA reported that a lot of comment had been received around funding, staffing capacity, training and confidence, language barriers and health and health and technology literacy of patient populations.

The committee agreed to officially close the survey and SH, AA and ALi would undertake an in-depth evaluation of the results. Discussions took place about what support and education should be provided following the survey.  It was agreed that information on sick day rules is important, and DTN should focus in providing education on HCL in pregnancy and ensure that the online training and support available meets the needs of people who completed that survey.

### 4.1.4  Regional days

AL asked the committee to consider if regional training days are still required and GG confirmed that people are still interested.  AL noted that there is a representative from most regions on the committee and he suggested that everyone thinks about running a training day locally like those run during the HCL pilot using the resources from the library area of the website when available.

## 4.2  Webinar proposal

AL proposed, following conversations at the DTN day and ABCD committee meeting, that DTN run a series of regular webinars to share information and discuss issues on a national basis. He confirmed that he had discussed Heather at RHI the best way to facilitate and members of the NHSE team would be happy to attend a FAQ session. AL added that webinars would be a good opportunity to launch webpages and DTN resources. The committee was supportive of the proposal and AL confirmed that he would follow up with NHSE.

## 4.3  Data collection – feedback from experience

AL asked the committee to provide any issues they would like to raise regarding the data collection. EW advised that she would be meeting with Garry Tan to go through what is required as it is unclear. AL concluded that the integration of primary and secondary care data is an important part of the data collection.

## 4.4  Business planning/approvals – current experience

There were no significant problems reported with regards to ICB business planning.

## 4.5  HCL in pregnancy - guidance

AL confirmed that the HCL pregnancy switch fund has been confirmed and details sent to ICBs. Following recent developments, the statement regarding HCL in pregnancy has been re-drafted and will be recirculated. Discussion ensued about how to ensure that the pregnancy guidance is fit for the future, and it was agreed the guidance written previously should be re visited to include system specific information. PH confirmed that he would be happy to help with this writing a manual.  AL advised that he would support identifying the people to create a working group for this project.

| Item | Responsible | Action | Timescale |
|------|-------------|--------|-----------|
| 4 | SH | Develop a short communication to ICS to promote the most cost-effective solution. | 31st December 2024 |
| 4.1.2 | All | Please promote the DAFNE HCL Essentials course in your area | Ongoing |
| 4.3 | AL | Follow up with NHSE on webinar proposal | 4th December 2024 |
| 4.1.3 | SH (AA and ALI) | undertake an in-depth evaluation of the results of the HCL survey | 31st December 2024 |
| 4.1.4 | All | Consider running a training day locally similar to those run during the HCL pilot and using the resources from the library area of the website when available | 31st December2024 |
| 4.5 | AL | Circulate the updated version of the statement regarding HCL in pregnancy to the committee | Once finalised. |
| 4.5.1 | AL | identify people to create a working group to develop the HCL in pregnancy guidance | 4th December2024 |

# 5    Best practice guide update

## 5.1  T1DE Technology guidance

AL informed the committee that he had engaged with Helen Partridge regarding type 1 diabetes and disordered eating and how to ensure teams have awareness of the specific issues facing people experiencing T1DE and consider whether technology is right for the patient at this time. He asked if anyone would be interested in assisting with developing this guidance as part of a working group alongside a team from Kings. AD volunteered.

**5.2 Special circumstances HCL guidance (ESRF, visual impairment, dexterity issues etc)**

AL reported that SH and Tomas Griffin presented a good session on this at EASD and wondered if there would be a place for specific guidance of the complications of use of HCL systems in special circumstances as there is not a much data on this. The committee discussed case studies that could be collated for this piece of work. PH, GG, EW agreed to be part of working group to write the guidelines. AL confirmed would develop a working group to include committee volunteers, Tom Crabtree and Tomas.

| Item | Responsible | Action | Timescale |
|------|-------------|--------|-----------|
| 5.1 | AJ | Join the working group to assisting with developing the guidance T1DE Technology guidance | 31st December 2024 |
| 5.1.1 | All | Please let AL know if you wish to join a working group to develop T1DE Technology guidance | 4th December 2024 |
| 5.2 | AL | develop a working group to include PH, GG, EW Tom Crabtree and Tomas. To write special circumstances HCL guidance (ESRF, visual impairment, dexterity issues etc) | 4th December 2024 |

## 6 DTN Events

### 6.1 Educator Days and Events

GG confirmed that she is working with Jen at RHI to finalise venues for two full day meetings one in the north and one in the south. AL added that next year delegates will be asked to pay a deposit which will be refunded upon attendance to avoid significant number of no shows which has happened in previous years.

### 6.2 DTN day 2024

AL extended his appreciation to all who contributed to or attended the DTN day this year. He reported that positive feedback had been received from both delegates and industry partners with delegates rating over 4 out of 5 for each session.

### 6.3 DTN day 2025

AL advised that next year's DTN day is likely to take place in Newcastle on 6th November 2025

## 7. AOB

### 7.1 Medtrum Data

AL reported on communication he had received from Medtrum confirming they now have minimal data which he will pass on to the committee for comment and consideration whether DTN should review its statement. He also had a meeting arranged with an international partner who had recent experience of using the Medtrum system.

### 7.2 Meeting Secretary for DTN

AL reported that ABCD have a meeting secretary on its committee who liaises with RHI on speakers and meeting organisation and wondered in DTN needed a meeting secretary on it committee. It was agreed that this was not necessary as there is an excellent pool of potential speakers which all committee members are happy to engage.

### 7.3 Date of next meeting

AL confirmed that the next committee meeting will take place in February/ March 2025 with the date to be confirmed.

| Item | Responsible | Action | Timescale |
|------|-------------|--------|-----------|
| 7 | AL | Send Medtrum data to committee for review and comment | 4th November 2024 |

| 7.1 | AL/CH | Liaise regarding possible meeting date in February/March 2025 and confirm date of next meeting to the committee | 4<sup>th</sup> November 2024 |