Blood and Transplant

## Level 1 <br> Data and Meeting Booklet

10th January 2017

## Programme

$10^{\text {th }}$ January 2016
Mary Ward House, 5-7 Tavistock Square, London WC1H 9SN

| Time | Topic | Speaker/s |
| :---: | :---: | :---: |
| 1000-1030 | Arrival and Coffee |  |
| 1030-1100 | Welcome and Objectives | Dr Dale Gardiner Deputy National CLOD |
| 1100-1215 | Best Practice Sharing Session |  |
| 3 Breakout sessions (rotation through all three groups) <br> - Applying PDSA methods to Referral and SNOD involvement <br> - James Van Der Walt and Hannah Bartlett-Syree Professional Development Team <br> - CLOD Review Recommendations <br> - Dr Dale Gardiner <br> Deputy National CLOD <br> - Promoting Organ Donation <br> - Caroline Rodaway <br> Senior Marketing \& Campaigns Officer |  |  |
| 1215-1300 | Break Out Session 1 |  |
| 1300-1345 | Lunch |  |
| 1345-1410 | Improving Organ Utilisation - the role of the donation community | Dr Paul Murphy National CLOD |
| 1410-1455 | Break Out Session 2 |  |
| 1455-1510 | Coffee |  |
| 1510-1555 | Break Out Session 3 |  |
| 1555-1600 | Summary and Close | Dr Paul Murphy National CLOD |

Categorisation of Donation Activity by Level
Level 112 or more proceeding donors per year (averaged over two years) ..... 33
Level 2
5-12 (>5 to < 12) proceeding donors ..... 45 per year (averaged over two years)
Level $3 \quad 3-5(\geq 3$ to $\leq 5)$ proceeding donors per ..... 47 year (averaged over two years) ..... 46

< 3 proceeding donors per year

< 3 proceeding donors per year  (averaged over two years)  (averaged over two years)
Level 4

$$
\text { = Level } 1
$$

$$
\begin{array}{ll}
5 \text { donors } & =\text { Level } 3 \\
3 \text { donors } & =\text { Level } 3
\end{array}
$$

An additional descriptor is applied to each hospital, as appropriate.

## N = Adult Neuro ICU (29)

P = Paediatric ICU (25)

## T = Major Trauma Centre (21) <br> - currently only applies in England pending possible changes in Northern Ireland, Scotland and Wales

## Examples

Level 1 (NPT), is a hospital Trust / Board that has 12 or more proceeding donors per year and also has a Neuro ICU, is a Major Trauma Centre and has a Paediatric ICU.
Level $3(P)$, is a hospital Trust / Board that has $\geq 3$ to $\leq 5$ proceeding donors per year and has a Paediatric ICU.

## UK Donation by Level

Level 1 Level $2 \quad$ Level $3 \quad$ Level 4

## Potential DBD/Eligible DCD donors

$1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


Potential donors after brainstem death (DBD) are defined as patients who have neurological death suspected by meeting all of the following criteria: apnoea, coma from known aetiology and unresponsive, ventilated, fixed pupils. Excluding those for whom cardiac arrest occurred despite resuscitation, brain stem reflexes returned.
Eligible donors after circulatory death (DCD) are defined as patients who had treatment withdrawn and death was anticipated within four hours, with no absolute medical contraindications to solid organ donation.

## Actual donors

$1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


## Level 1 Group actual deceased donors

$1^{\text {st }}$ October 2006 - 30th September 2016


## Level 1 Group actual deceased donors

## by Trust/Board



## Level 1s neurological death testing rate

1st October 2015 - 30th September 2016


## Level 1s DBD referral rate

1st $^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DBD SNOD involvement rate

## 1st $^{\text {st }}$ October 2015 - 30th September 2016



## Level 1s DBD SNOD involvement rate comparison

$1^{\text {st }}$ October 2014 - 30th September 2016


[^0]
## Level 1s DBD consent/authorisation rate

$1^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DBD consent/authorisation rate comparison

$1^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DBD conversion rate

$1^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DBD conversion rate comparison

$1^{\text {st }}$ October 2014 - 30th September 2016


Significant increase at the $10 \%$ level

- Significant decrease at the $5 \%$ level


## Level 1s DCD referral rate

$1^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DCD referral rate comparison

$1^{\text {st }}$ October 2014 - 30th September 2016


[^1]
## Level 1s DCD SNOD involvement rate

1st October 2014 - 30th September 2016


## Level 1s DCD SNOD involvement rate

## comparison

$1^{\text {st }}$ October 2014 - 30th September 2016


Significant increase at the $5 \%$ level

Significant increase at the $10 \%$ level

Significant decrease at the $5 \%$ level

Significant decrease at the $10 \%$ level

## Level 1s DCD consent/authorisation rate

$1^{\text {st }}$ October 2015 - 30th September 2016


## Level 1s DCD consent/authorisation rate comparison

$1^{\text {st }}$ October 2014 - 30th September 2016

$\begin{array}{ll}\begin{array}{l}\text { Significant increase } \\ \text { at the } 5 \% \text { level }\end{array} & \begin{array}{l}\text { Significant increase } \\ \text { at the } 10 \% \text { level }\end{array}\end{array} \begin{aligned} & \text { Significant decrease } \\ & \text { at the } 5 \% \text { level }\end{aligned} \quad \begin{aligned} & \text { Significant decrease } \\ & \text { at the } 10 \% \text { level }\end{aligned}$

## Level 1s DCD conversion rate

$1^{\text {st }}$ October 2015 - 30th September 2016


| Trust/board | Neurological death testing rate \% (N) | DBD referral rate \% (N) | \% of DBD approaches where SNOD involved \% (N) | DBD consent/ authorisation rate \% (N) | DCD referral rate \% (N) | \% of DCD approaches where SNOD involved \% (N) | DCD consent/ authorisation rate \% (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Barking, Havering and Redbridge University Hospitals NHS Trust | 89.7 (39) | 94.9 (39) | 100 (30) | 46.7 (30) | 96.2 (52) | 80 (15) | 53.3 (15) |
| Barts Health NHS Trust | 85.1 (67) | 97 (67) | 98 (50) | 68 (50) | 84.9 (73) | 88 (25) | 60 (25) |
| Belfast Health and Social Care Trust | 80 (40) | 95 (40) | 96.6 (29) | 72.4 (29) | 82.8 (99) | 80 (25) | 56 (25) |
| Brighton and Sussex University Hospitals NHS Trust | 58.6 (29) | 89.7 (29) | 57.1 (14) | 85.7 (14) | 77.8 (72) | 63.6 (33) | 66.7 (33) |
| Cambridge University Hospitals NHS Foundation Trust | 70.6 (34) | 97.1 (34) | 86.4 (22) | 63.6 (22) | 78.3 (161 | 74 (50) | 56 (50) |
| Cardiff And Vale Health Board | 88.5 (26) | 100 (26) | 95.7 (23) | 65.2 (23) | 93.5 (107 | 87.8 (41) | 53.7 (41) |
| Frimley Health NHS Foundation Trust | 85.7 (21) | 100 (21) | 100 (16) | 56.3 (16) | 96 (50) | 100 (15) | 73.3 (15) |
| Hull and East Yorkshire Hospitals NHS Trust | 77.8 (9) | 100 (9) | 66.7 (6) | 66.7 (6) | 79.3 (58) | 72.7 (22) | 63.6 (22) |
| Imperial College Healthcare NHS Trust | 83.7 (43) | 97.7 (43) | 96.6 (29) | 58.6 (29) | 84.2 (57) | 76 (25) | 52 (25) |
| King's College Hospital NHS Foundation Trust | 95 (60) | 98.3 (60) | 93.2 (44) | 56.8 (44) | 90.8 (87) | 100 (26) | 57.7 (26) |
| Lancashire Teaching Hospitals NHS Foundation Trust | 64.3 (14) | 100 (14) | 100 (6) | 83.3 (6) | 93.2 (74) | 90.5 (21) | 47.6 (21) |
| Leeds Teaching Hospitals NHS Trust | 90.6 (32) | 100 (32) | 92.6 (27) | 74.1 (27) | 94.2(171 | 92.9 (28) | 46.4 (28) |
| NHS Grampian | 72.7 (11) | 90.9 (11) | 71.4 (7) | 42.9 (7) | 83.1 (65) | 75 (28) | 57.1 (28) |
| NHS Greater Glasgow \& Clyde | 83.3 (30) | 90 (30) | 95.5 (22) | 81.8 (22) | 77.8 (63) | 56.8 (37) | 43.2 (37) |
| NHS Lothian | 95 (20) | 80 (20) | 60 (15) | 53.3 (15) | 86.2 (87) | 78.3 (46) | 69.6 (46) |
| Norfolk and Norwich University Hospitals NHS Foundation Trust | 100 (9) | 100 (9) | 66.7 (9) | 66.7 (9) | 95.2 (62) | 80.6 (31) | 77.4 (31) |
| North Bristol NHS Trust | 88.6 (35) | 97.1 (35) | 96.3 (27) | 70.4 (27) | 93.8 (64) | 83.9 (31) | 64.5 (31) |
| Nottingham University Hospitals NHS Trust | 62.5 (40) | 90 (40) | 91.7 (24) | 66.7 (24) | 78.3 (143 | 75 (68) | 54.4 (68) |
| Oxford University Hospitals NHS Trust | 90.2 (41) | 97.6 (41) | 87.9 (33) | 57.6 (33) | 66.7 (93) | 65.7 (35) | 45.7 (35) |
| Plymouth Hospitals NHS Trust | 100 (26) | 100 (26) | 95.2 (21) | 71.4 (21) | 81.6 (38) | 93.8 (16) | 56.3 (16) |
| Salford Royal NHS Foundation Trust | 91.9 (37) | 100 (37) | 100 (33) | 57.6 (33) | 96.1 (51) | 96.6 (29) | 65.5 (29) |
| Sheffield Teaching Hospitals NHS Foundation Trust | 100 (20) | 100 (20) | 94.1 (17) | 58.8 (17) | 95.2 (62) | 100 (20) | 60 (20) |
| South Tees Hospitals NHS Foundation Trust | 93.8 (16) | 100 (16) | 100 (15) | 86.7 (15) | 98.7 (79) | 80 (20) | 65 (20) |
| St George's Healthcare NHS Foundation Trust | 86.2 (58) | 94.8 (58) | 95.6 (45) | 68.9 (45) | 93 (71) | 91.9 (37) | 59.5 (37) |
| The Newcastle Upon Tyne Hospitals NHS Foundation Trust | 100 (40) | 100 (40) | 100 (35) | 62.9 (35) | 98.6 (138 | 85.7 (42) | 69 (42) |
| The Walton Centre NHS Foundation Trust | 100 (15) | 100 (15) | 100 (14) | 64.3 (14) | 100 (35) | 100 (19) | 68.4 (19) |
| University College London Hospitals NHS Foundation Trust | 90.6 (32) | 100 (32) | 96.2 (26) | 61.5 (26) | 92 (25) | 100 (7) | 28.6 (7) |
| University Hospital Southampton NHS Foundation Trust | 80 (30) | 96.7 (30) | 90.9 (22) | 81.8 (22) | 62.1 (87) | 80 (25) | 64 (25) |
| University Hospitals Birmingham NHS Foundation Trust | 91.4 (35) | 97.1 (35) | 85.7 (28) | 75 (28) | 80.4 (97) | 70.8 (24) | 58.3 (24) |
| University Hospitals Bristol NHS Foundation Trust | 72.7 (22) | 90.9 (22) | 92.3 (13) | 84.6 (13) | 90.8 (76) | 75 (28) | 50 (28) |
| University Hospitals Coventry and Warwickshire NHS Trust | 66.7 (12) | 100 (12) | 57.1 (7) | 100 (7) | 82.6 (46) | 58.6 (29) | 51.7 (29) |
| University Hospitals Of Leicester NHS Trust | 83.3 (18) | 94.4 (18) | 100 (14) | 64.3 (14) | 80.3 (61) | 66.7 (21) | 38.1 (21) |
| University Hospitals Of North Midlands NHS Trust | 64.3 (14) | 92.9 (14) | 87.5 (8) | 75 (8) | 78.5 (130 | 75 (44) | 59.1 (44) |



| Neurological death testing rate \% (N) | DBD referral rate \% (N) | \% of DBD approaches where SNOD involved \% ( $\mathbf{N}$ ) | DBD <br> consent/authoris ation rate \% (N) | DCD referral rate $\%(\mathrm{~N})$ | \% of DCD approaches where SNOD involved \% (N) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 89.7 (39) | 94.9 (39) | 100 (30) | 46.7 (30) | 96.2 (52) | 80 (15) |
| 85.1 (67) | 97 (67) | 98 (50) | 68 (50) | 84.9 (73) | 88 (25) |
| 80 (40) | 95 (40) | 96.6 (29) | 72.4 (29) | 82.8 (99) | 80 (25) |
| 58.6 (29) | 89.7 (29) | 57.1 (14) | 85.7 (14) | 77.8 (72) | 63.6 (33) |
| 70.6 (34) | 97.1 (34) | 86.4 (22) | 63.6 (22) | 78.3 (161 | 74 (50) |
| 88.5 (26) | 100 (26) | 95.7 (23) | 65.2 (23) | 93.5 (107 | 87.8 (41) |
| 85.7 (21) | 100 (21) | 100 (16) | 56.3 (16) | 96 (50) | 100 (15) |
| 77.8 (9) | 100 (9) | 66.7 (6) | 66.7 (6) | 79.3 (58) | 72.7 (22) |
| 83.7 (43) | 97.7 (43) | 96.6 (29) | 58.6 (29) | 84.2 (57) | 76 (25) |
| 95 (60) | 98.3 (60) | 93.2 (44) | 56.8 (44) | 90.8 (87) | 100 (26) |
| 64.3 (14) | 100 (14) | 100 (6) | 83.3 (6) | 93.2 (74) | 90.5 (21) |
| 90.6 (32) | 100 (32) | 92.6 (27) | 74.1 (27) | 94.2 (171 | 92.9 (28) |
| 72.7 (11) | 90.9 (11) | 71.4 (7) | 42.9 (7) | 83.1 (65) | 75 (28) |
| 83.3 (30) | 90 (30) | 95.5 (22) | 81.8 (22) | 77.8 (63) | 56.8 (37) |
| 95 (20) | 80 (20) | 60 (15) | 53.3 (15) | 86.2 (87) | 78.3 (46) |
| 100 (9) | 100 (9) | 66.7 (9) | 66.7 (9) | 95.2 (62) | 80.6 (31) |
| 88.6 (35) | 97.1 (35) | 96.3 (27) | 70.4 (27) | 93.8 (64) | 83.9 (31) |
| 62.5 (40) | 90 (40) | 91.7 (24) | 66.7 (24) | 78.3 (143 | 75 (68) |
| 90.2 (41) | 97.6 (41) | 87.9 (33) | 57.6 (33) | 66.7 (93) | 65.7 (35) |
| 100 (26) | 100 (26) | 95.2 (21) | 71.4 (21) | 81.6 (38) | 93.8 (16) |
| 91.9 (37) | 100 (37) | 100 (33) | 57.6 (33) | 96.1 (51) | 96.6 (29) |
| 100 (20) | 100 (20) | 94.1 (17) | 58.8 (17) | 95.2 (62) | 100 (20) |
| 93.8 (16) | 100 (16) | 100 (15) | 86.7 (15) | 98.7 (79) | 80 (20) |
| 86.2 (58) | 94.8 (58) | 95.6 (45) | 68.9 (45) | 93 (71) | 91.9 (37) |
| 100 (40) | 100 (40) | 100 (35) | 62.9 (35) | 98.6 (138) | 85.7 (42) |
| 100 (15) | 100 (15) | 100 (14) | 64.3 (14) | 100 (35) | 100 (19) |
| 90.6 (32) | 100 (32) | 96.2 (26) | 61.5 (26) | 92 (25) | 100 (7) |
| 80 (30) | 96.7 (30) | 90.9 (22) | 81.8 (22) | 62.1 (87) | 80 (25) |
| 91.4 (35) | 97.1 (35) | 85.7 (28) | 75 (28) | 80.4 (97) | 70.8 (24) |
| 72.7 (22) | 90.9 (22) | 92.3 (13) | 84.6 (13) | 90.8 (76) | 75 (28) |
| 66.7 (12) | 100 (12) | 57.1 (7) | 100 (7) | 82.6 (46) | 58.6 (29) |
| 83.3 (18) | 94.4 (18) | 100 (14) | 64.3 (14) | 80.3 (61) | 66.7 (21) |
| 64.3 (14) | 92.9 (14) | 87.5 (8) | 75 (8) | 78.5 (130 | 75 (44) |


|  |  | $$ |  | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ 0 \end{array}\right\|$ |  | $\left\|\begin{array}{l} 1 \\ \stackrel{n}{c} \\ m \\ \underset{j}{n} \end{array}\right\|$ | $\left\|\begin{array}{c} \widetilde{N} \\ \underset{\sim}{\mathcal{O}} \\ \end{array}\right\|$ | $\left\|\begin{array}{c} \overparen{N} \\ \underset{N}{N} \\ \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ \underset{\sim}{N} \\ \stackrel{N}{i} \\ \hat{n} \end{array}\right\|$ | $\left\|\begin{array}{l} \stackrel{\rightharpoonup}{\mathrm{N}} \\ \varphi \\ \stackrel{\rightharpoonup}{\mathrm{~V}} \end{array}\right\|$ |  |  | $\begin{gathered} \underset{\sim}{c} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{gathered}$ |  | $\begin{aligned} & \stackrel{\rightharpoonup}{ल} \\ & \underset{N}{N} \\ & \hline \end{aligned}$ | $\begin{aligned} & \bar{ल} \\ & \substack{0 \\ \text { § } \\ \hline} \end{aligned}$ |  |  | $\begin{aligned} & 0 \\ & \stackrel{0}{c} \\ & m \\ & 0 \\ & i \end{aligned}$ | $\left\|\begin{array}{c} \overparen{\sim} \\ \underset{\sim}{0} \\ \stackrel{0}{0} \\ 0 \end{array}\right\|$ | $\begin{gathered} 0 \\ \underset{\sim}{0} \\ \hline \end{gathered}$ | $\left\|\begin{array}{c} \widehat{\mathrm{N}} \\ 10 \end{array}\right\|$ | $\begin{aligned} & \hat{\kappa} \\ & \stackrel{0}{2} \\ & 0 \\ & 0 \end{aligned}$ | $\begin{gathered} \widehat{y} \\ \underset{8}{8} \end{gathered}$ | $\begin{aligned} & 0 \\ & \stackrel{0}{5} \\ & \underset{0}{\infty} \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \stackrel{1}{\mathrm{~N}} \\ & \stackrel{6}{6} \end{aligned}$ | $\begin{gathered} \underset{\sim}{c} \\ \underset{\sim}{\infty} \end{gathered}$ | $\stackrel{\infty}{\sim}$ |  | $\stackrel{\text { - }}{\stackrel{\text { N}}{\sim}}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| DBD consent/authoris ation rate \% (N) | DCD referral rate $\%(N)$ | \% of DCD approaches where SNOD involved \% (N) |
| :---: | :---: | :---: |
| 46.7 (30) | 96.2 (52) | 80 (15) |
| 68 (50) | 84.9 (73) | 88 (25) |
| 72.4 (29) | 82.8 (99) | 80 (25) |
| 85.7 (14) | 77.8 (72) | 63.6 (33) |
| 63.6 (22) | 78.3 (161 | 74 (50) |
| 65.2 (23) | 93.5 (107 | 87.8 (41) |
| 56.3 (16) | 96 (50) | 100 (15) |
| 66.7 (6) | 79.3 (58) | 72.7 (22) |
| 58.6 (29) | 84.2 (57) | 76 (25) |
| 56.8 (44) | 90.8 (87) | 100 (26) |
| 83.3 (6) | 93.2 (74) | 90.5 (21) |
| 74.1 (27) | 94.2 (171 | 92.9 (28) |
| 42.9 (7) | 83.1 (65) | 75 (28) |
| 81.8 (22) | 77.8 (63) | 56.8 (37) |
| 53.3 (15) | 86.2 (87) | 78.3 (46) |
| 66.7 (9) | 95.2 (62) | 80.6 (31) |
| 70.4 (27) | 93.8 (64) | 83.9 (31) |
| 66.7 (24) | 78.3 (143 | 75 (68) |
| 57.6 (33) | 66.7 (93) | 65.7 (35) |
| 71.4 (21) | 81.6 (38) | 93.8 (16) |
| 57.6 (33) | 96.1 (51) | 96.6 (29) |
| 58.8 (17) | 95.2 (62) | 100 (20) |
| 86.7 (15) | 98.7 (79) | 80 (20) |
| 68.9 (45) | 93 (71) | 91.9 (37) |
| 62.9 (35) | 98.6 (138 | 85.7 (42) |
| 64.3 (14) | 100 (35) | 100 (19) |
| 61.5 (26) | 92 (25) | 100 (7) |
| 81.8 (22) | 62.1 (87) | 80 (25) |
| 75 (28) | 80.4 (97) | 70.8 (24) |
| 84.6 (13) | 90.8 (76) | 75 (28) |
| 100 (7) | 82.6 (46) | 58.6 (29) |
| 64.3 (14) | 80.3 (61) | 66.7 (21) |
| 75 (8) | 78.5 (130 | 75 (44) | \% of DBD

approaches
SNOD ingore SN (N)
inved $100(30)$
$98(50)$










 $\mathbf{N}=$ denominator (number of opportunities available)

| Trust/board | Neurological death testing rate \% ( N ) | DBD referral rate $\%(\mathrm{~N})$ | \% of DBD approaches where SNOD involved \% (N) | DBD consent/authoris ation rate \% (N) | DCD referral rate $\%(N)$ | \% of DCD approaches where SNOD involved \% (N) | DCD consent/authoris ation rate \% (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Barking, Havering and Redbridge University Hospitals NHS Trust | 89.7 (39) | 94.9 (39) | 100 (30) | 46.7 (30) | 96.2 (52) | 80 (15) | 53.3 (15) |
| Barts Health NHS Trust | 85.1 (67) | 97 (67) | 98 (50) | 68 (50) | 84.9 (73) | 88 (25) | 60 (25) |
| Belfast Health and Social Care Trust | 80 (40) | 95 (40) | 96.6 (29) | 72.4 (29) | 82.8 (99) | 80 (25) | 56 (25) |
| Brighton and Sussex University Hospitals NHS Trust | 58.6 (29) | 89.7 (29) | 57.1 (14) | 85.7 (14) | 77.8 (72) | 63.6 (33) | 66.7 (33) |
| Cambridge University Hospitals NHS Foundation Trust | 70.6 (34) | 97.1 (34) | 86.4 (22) | 63.6 (22) | 78.3 (161 | 74 (50) | 56 (50) |
| Cardiff And Vale Health Board | 88.5 (26) | 100 (26) | 95.7 (23) | 65.2 (23) | 93.5 (107 | 87.8 (41) | 53.7 (41) |
| Frimley Health NHS Foundation Trust | 85.7 (21) | 100 (21) | 100 (16) | 56.3 (16) | 96 (50) | 100 (15) | 73.3 (15) |
| Hull and East Yorkshire Hospitals NHS Trust | 77.8 (9) | 100 (9) | 66.7 (6) | 66.7 (6) | 79.3 (58) | 72.7 (22) | 63.6 (22) |
| Imperial College Healthcare NHS Trust | 83.7 (43) | 97.7 (43) | 96.6 (29) | 58.6 (29) | 84.2 (57) | 76 (25) | 52 (25) |
| King's College Hospital NHS Foundation Trust | 95 (60) | 98.3 (60) | 93.2 (44) | 56.8 (44) | 90.8 (87) | 100 (26) | 57.7 (26) |
| Lancashire Teaching Hospitals NHS Foundation Trust | 64.3 (14) | 100 (14) | 100 (6) | 83.3 (6) | 93.2 (74) | 90.5 (21) | 47.6 (21) |
| Leeds Teaching Hospitals NHS Trust | 90.6 (32) | 100 (32) | 92.6 (27) | 74.1 (27) | 94.2 (171 | 92.9 (28) | 46.4 (28) |
| NHS Grampian | 72.7 (11) | 90.9 (11) | 71.4 (7) | 42.9 (7) | 83.1 (65) | 75 (28) | 57.1 (28) |
| NHS Greater Glasgow \& Clyde | 83.3 (30) | 90 (30) | 95.5 (22) | 81.8 (22) | 77.8 (63) | 56.8 (37) | 43.2 (37) |
| NHS Lothian | 95 (20) | 80 (20) | 60 (15) | 53.3 (15) | 86.2 (87) | 78.3 (46) | 69.6 (46) |
| Norfolk and Norwich University Hospitals NHS Foundation Trust | 100 (9) | 100 (9) | 66.7 (9) | 66.7 (9) | 95.2 (62) | 80.6 (31) | 77.4 (31) |
| North Bristol NHS Trust | 88.6 (35) | 97.1 (35) | 96.3 (27) | 70.4 (27) | 93.8 (64) | 83.9 (31) | 64.5 (31) |
| Nottingham University Hospitals NHS Trust | 62.5 (40) | 90 (40) | 91.7 (24) | 66.7 (24) | 78.3 (143 | 75 (68) | 54.4 (68) |
| Oxford University Hospitals NHS Trust | 90.2 (41) | 97.6 (41) | 87.9 (33) | 57.6 (33) | 66.7 (93) | 65.7 (35) | 45.7 (35) |
| Plymouth Hospitals NHS Trust | 100 (26) | 100 (26) | 95.2 (21) | 71.4 (21) | 81.6 (38) | 93.8 (16) | 56.3 (16) |
| Salford Royal NHS Foundation Trust | 91.9 (37) | 100 (37) | 100 (33) | 57.6 (33) | 96.1 (51) | 96.6 (29) | 65.5 (29) |
| Sheffield Teaching Hospitals NHS Foundation Trust | 100 (20) | 100 (20) | 94.1 (17) | 58.8 (17) | 95.2 (62) | 100 (20) | 60 (20) |
| South Tees Hospitals NHS Foundation Trust | 93.8 (16) | 100 (16) | 100 (15) | 86.7 (15) | 98.7 (79) | 80 (20) | 65 (20) |
| St George's Healthcare NHS Foundation Trust | 86.2 (58) | 94.8 (58) | 95.6 (45) | 68.9 (45) | 93 (71) | 91.9 (37) | 59.5 (37) |
| The Newcastle Upon Tyne Hospitals NHS Foundation Trust | 100 (40) | 100 (40) | 100 (35) | 62.9 (35) | 98.6 (138 | 85.7 (42) | 69 (42) |
| The Walton Centre NHS Foundation Trust | 100 (15) | 100 (15) | 100 (14) | 64.3 (14) | 100 (35) | 100 (19) | 68.4 (19) |
| University College London Hospitals NHS Foundation Trust | 90.6 (32) | 100 (32) | 96.2 (26) | 61.5 (26) | 92 (25) | 100 (7) | 28.6 (7) |
| University Hospital Southampton NHS Foundation Trust | 80 (30) | 96.7 (30) | 90.9 (22) | 81.8 (22) | 62.1 (87) | 80 (25) | 64 (25) |
| University Hospitals Birmingham NHS Foundation Trust | 91.4 (35) | 97.1 (35) | 85.7 (28) | 75 (28) | 80.4 (97) | 70.8 (24) | 58.3 (24) |
| University Hospitals Bristol NHS Foundation Trust | 72.7 (22) | 90.9 (22) | 92.3 (13) | 84.6 (13) | 90.8 (76) | 75 (28) | 50 (28) |
| University Hospitals Coventry and Warwickshire NHS Trust | 66.7 (12) | 100 (12) | 57.1 (7) | 100 (7) | 82.6 (46) | 58.6 (29) | 51.7 (29) |
| University Hospitals Of Leicester NHS Trust | 83.3 (18) | 94.4 (18) | 100 (14) | 64.3 (14) | 80.3 (61) | 66.7 (21) | 38.1 (21) |
| University Hospitals Of North Midlands NHS Trust | 64.3 (14) | 92.9 (14) | 87.5 (8) | 75 (8) | 78.5 (130 | 75 (44) | 59.1 (44) |

$\mathbf{N}=$ denominator (number of opportunities available)
e.g. Norfolk and Norwich DBD Consent Rate is $66.7 \%$ (9) as on 6 out of 9 occasions consent was given.

Comparison of neurological death testing by level $1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


Comparison of combined DBD and DCD referral by level
$1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


Comparison of combined DBD and DCD SNOD involvement by level
$1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


Comparison of combined DBD and DCD consent/authorisation by level
$1^{\text {st }}$ October $2015-30^{\text {th }}$ September 2016


## Applying PDSA methods

## Guide to completing your PDSA cycle template



## Hints \& tips to help you complete your PDSA cycle

To Start: Identify issue to be addressed and drill down using 3 whys to create your primary goal.

## Each primary goal should have at least 1 PDSA cycle. Each cycle has 4 sections which are listed below:

1. Plan: Be clear about the primary goal you aim to change, the questions that need to be answered and what is expected to happen. Plan how the PDSA cycle will be carried out, specifying who will be responsible for implementing the plan, where and when it will be tested, what will be done and what the expected outcomes might be.

> 2. Do: Carry out the plan and record the agreed measures and outcomes carefully. Ensure that any problems or other unexpected events are also documented.
3. Study: Compare what the outcomes were to what you thought would happen. Ask those who were involved and study what actually happened, noting problems and other unexpected events. Summarise the outcome of the pilot.
4. Act: As a team decide what should happen next? Should the same primary goal be kept but the cycle repeated, should the primary goal be adapted and the cycle run again or should the cycle be stopped. Make the decision based on what was learnt from the PDSA cycle. It is possible that a single PDSA cycle will show a primary goal that can be achieved and be applied more widely or even adopted into routine practice. However, remember that several cycles might have to be run before a primary goal of a PDSA cycle is successfully adopted into normal practice.

Notes: when running PDSA cycles
-Don't think too big. Implement a small simple change as this is more likely to be successful.
-Don't be too vague or too detailed - some detail is needed but to a practical, not obsessive, level.

- Make sure the results are acted on.
-In practice more than one PDSA cycle can be run at a time as long as they are small and simple.


Cycle end date:
(St) Cycle start date:

- More education needed
- Use poster board in ED staff room to promote referral, and feedback results.
- Engage with ED to identify a local trigger
- To highlight with ED Consultants and Senior Nursing Team
- Run a $2^{\text {nd }}$ PDSA cycle on this goal
- Monitor through the Potential Donor Audit
- Review at Organ Donation Committee (ODC)
- Encourage ED attendance at ODC
$100 \%$ identification and referral of potential organ donors
- Ran PDSA cycle for 1 month
- 2 cases of potential donors not referred
- Both cases missed at the weekend
- To include Organ Donation trigger as part of End of Life paperwork
- Educate ED medical and nursing teams, cascade message.


## Level 1 Group key

| Key | Trust/Board |
| :--- | :--- |
| 1 | Barking, Havering and Redbridge University Hospitals NHS Trust (N) |
| 2 | Barts Health NHS Trust (PT) |
| 3 | Belfast Health and Social Care Trust (NP) |
| 4 | Brighton and Sussex University Hospitals NHS Trust (NT) |
| 5 | Cambridge University Hospitals NHS Foundation Trust (NPT) |
| 6 | Cardiff And Vale Health Board (NP) |
| 7 | Frimley Health NHS Foundation Trust |
| 8 | Hull and East Yorkshire Hospitals NHS Trust (NT) |
| 9 | Imperial College Healthcare NHS Trust (NPT) |
| 10 | King's College Hospital NHS Foundation Trust (PT) |
| 11 | Lancashire Teaching Hospitals NHS Foundation Trust (NT) |
| 12 | Leeds Teaching Hospitals NHS Trust (NPT) |
| 13 | NHS Grampian (N) |
| 14 | NHS Greater Glasgow \& Clyde (NP) |
| 15 | NHS Lothian (NP) |
| 16 | Norfolk and Norwich University Hospitals NHS Foundation Trust |
| 17 | North Bristol NHS Trust (NT) |
| 18 | Nottingham University Hospitals NHS Trust (NPT) |
| 19 | Oxford University Hospitals NHS Trust (NPT) |
| 20 | Plymouth Hospitals NHS Trust (NT) |
| 21 | Salford Royal NHS Foundation Trust (N) |
| 22 | Sheffield Teaching Hospitals NHS Foundation Trust (NT) |
| 23 | South Tees Hospitals NHS Foundation Trust (NPT) |
| 24 | St George's Healthcare NHS Foundation Trust (NPT) |
| 25 | The Newcastle Upon Tyne Hospitals NHS Foundation Trust (NPT) |
| 26 | The Walton Centre NHS Foundation Trust (NT) |
| 27 | University College London Hospitals NHS Foundation Trust (N) |
| 28 | University Hospital Southampton NHS Foundation Trust (NPT) |
| 29 | University Hospitals Birmingham NHS Foundation Trust (NT) |
| 30 | University Hospitals Bristol NHS Foundation Trust (P) |
| 31 | University Hospitals Coventry and Warwickshire NHS Trust (NT) |
| 32 | University Hospitals Of Leicester NHS Trust (P) |
| 33 | University Hospitals Of North Midlands NHS Trust (NPT) |
|  |  |
| 14 | NH |
| 12 |  |




[^0]:    - Significant increase Significant increase Significant decrease Significant decrease
    at the $5 \%$ level at the $10 \%$ level at the $5 \%$ level at the $10 \%$ level

[^1]:    - Significant increase
    at the $5 \%$ level
    Significant increase
    Significant decrease at the $5 \%$ level Significant decrea

