



2020 Education Needs Assessment Report – WHCOP

The 2020 AST Education Needs Assessment Survey was distributed to all AST members from February 6 to March 6, 2020. The survey included a topical specialty section based on each of AST’s Communities of Practice (COP).

101 participants began the “Women’s Health” specialty section and 89 completed the section. A breakdown of the information gathered from these participants is provided in this report.

I. “Women’s Health” Specialty Section Participants

Role of Participants:

Participants were asked, “Which best describes you? (please choose one).” Based on the 101 participants who started the WHCOP specialty section, the chart below outlines the roles that were represented (results from all participants in the survey are provided for comparison).

| Role | Specialty Participants | Overall Participants |
|-------------------------------|------------------------|----------------------|
| Physician/Primarily Research | 6 (5.9%) | 65 (8.7%) |
| Physician/Primarily Clinical | 41 (40.6%) | 316 (42.4%) |
| Surgeon/Primarily Research | 2 (2.0%) | 12 (1.6%) |
| Surgeon/Primarily Clinical | 3 (3.0%) | 45 (6.0%) |
| Administrator | 4 (4.0%) | 34 (4.6%) |
| Advanced Practice Provider | 8 (7.9%) | 43 (5.8%) |
| Histocompatibility Specialist | 2 (2.0%) | 23 (3.1%) |
| Nurse/Transplant Coordinator | 1 (1.0%) | 16 (2.1%) |
| Pharmacist | 21 (20.8%) | 104 (14.0%) |
| Psychologist/Psychiatrist | 3 (3.0%) | 12 (1.6%) |
| Social Worker | 6 (5.9%) | 19 (2.6%) |
| Researcher/Scientist | 4 (4.0%) | 37 (5.0%) |
| Other | 0 | 19 (2.6%) |

Affiliation of Participants:

Participants were asked what is their “*Affiliation (please choose one.)*” Based on the 101 participants who started the WHCOP specialty section, the chart below outlines the affiliations that were represented (results from all participants in the survey are provided for comparison).

| Affiliation | Specialty Participants | Overall Participants |
|--------------------------------|------------------------|----------------------|
| Academic | 61 (60.4%) | 427 (57.3%) |
| Government or Military | 0 | 9 (1.2%) |
| Hospital | 33 (32.7%) | 256 (34.4%) |
| Industry | 2 (2.0%) | 16 (2.1%) |
| Organ Procurement Organization | 1 (1.0%) | 15 (2.0%) |
| Stand-alone Private Practice | 2 (2.0%) | 13 (1.7%) |
| Other | 2 (2.0%) | 9 (1.2%) |

Experience Level of Participants:

Participants were asked to “*Please enter your level of experience/years in practice.*” Based on the 101 participants who started the WHCOP specialty section, the chart below outlines the levels of experience that were represented (results from all participants in the survey are provided for comparison).

| Level of Experience | Specialty Participants | Overall Participants |
|------------------------|------------------------|----------------------|
| Not yet in training | 0 | 5 (0.7%) |
| In training (resident) | 2 (2.0%) | 16 (2.1%) |
| In training (fellow) | 5 (5.0%) | 46 (6.2%) |
| <5 years | 26 (25.7%) | 182 (24.4%) |
| 6-10 years | 28 (27.7%) | 147 (19.7%) |
| 11-15 years | 15 (14.9%) | 123 (16.5%) |
| 16-20 years | 8 (7.9%) | 81 (10.9%) |
| 21+ years | 17 (16.8%) | 145 (19.7%) |

II. WHCOP's "Women's Health" Specialty Section Data

A list of important and timely topics was created for the 2020 Needs Assessment Survey specialty sections by WHCOP Leadership and the AST Education Committee. Participants were asked to "Rate each educational topic's importance to you" as either 1) "Not interested," 2) "Interested but have sufficient knowledge" or 3) "Interested & want/need to learn more."

Here are the results from the 89 participants who completed this specialty section.

WHCOP Specialty Topics – Overall Ranking: The topic list has been ranked below based on a weighted mean score of up to 3.0, with "Interested & want/need to learn more" weighted highest, "Interested but have sufficient knowledge" weighted next highest, and "Not interested" weighted lowest (out of 89 results).

1. Career development for women in transplant: 2.73
2. Management of pregnancy in transplant recipients, including pregnancy timing, transplant medication safety in pregnancy and in nursing mothers: 2.65
3. (Tied) Optimizing birth control for the transplant recipient: 2.6
(Tied) Sexual health after transplant (men and women): 2.6
(Tied) Fertility after organ transplantation: 2.6
6. Maternal, perinatal, and graft outcomes in pregnancy following transplant: 2.56
7. Gender disparity in transplantation: 2.52
8. Transplant medication safety in male recipients fathering children: 2.49
9. Family planning counseling in transplant recipients: 2.48
10. Bone health in the transplant recipient: 2.46
11. Pregnancy in liver and kidney donors: 2.44
12. Menopausal management in the transplant recipient: 2.43
13. Coronary artery disease in female transplant candidates and recipients: 2.31

WHCOP Specialty Topics – "Interested and want/need to learn more" Only: The topic list has been ranked below based exclusively on the number of "Interested and want/need to learn more" results (out of 89 results).

1. Career development for women in transplant: 73
2. Management of pregnancy in transplant recipients, including pregnancy timing, transplant medication safety in pregnancy and in nursing mothers: 67
3. (Tied) Maternal, perinatal, and graft outcomes in pregnancy following transplant: 63
(Tied) Optimizing birth control for the transplant recipient: 63
5. (Tied) Sexual health after transplant (men and women): 62
(Tied) Fertility after organ transplantation: 62
7. Gender disparity in transplantation: 61
8. (Tied) Menopausal management in the transplant recipient: 58
(Tied) Transplant medication safety in male recipients fathering children: 58
10. Bone health in the transplant recipient: 57
12. (Tied) Pregnancy in liver and kidney donors: 56
(Tied) Family planning counseling in transplant recipients: 56
13. Coronary artery disease in female transplant candidates and recipients: 51

WHCOP Specialty Topics – “Not interested” Only: The following topics received the highest number of “*Not interested*” results (out of 89 results).

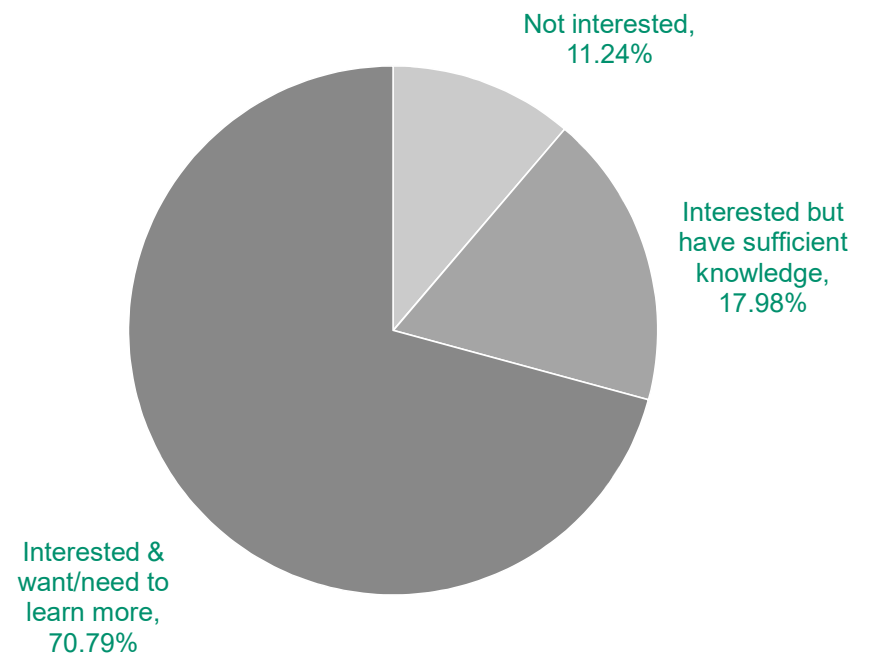
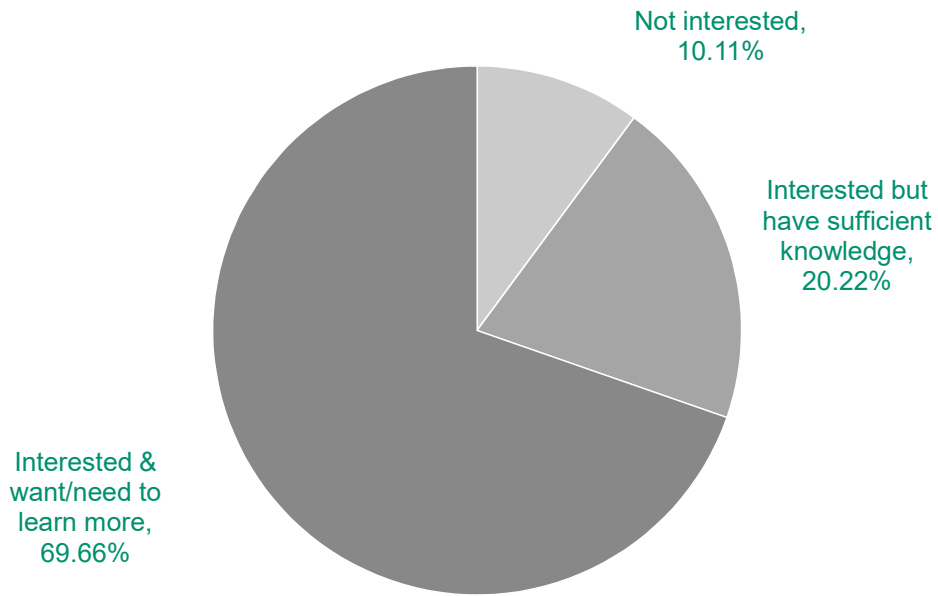
- Coronary artery disease in female transplant candidates and recipients: 23
 - Menopausal management in the transplant recipient: 20
 - Pregnancy in liver and kidney donors: 17
 - Bone health in the transplant recipient: 16
 - Gender disparity in transplantation: 15
 - Transplant medication safety in male recipients fathering children: 14
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Please see the pie charts on the following pages for a topic-by-topic breakdown of participant interest in each topic.

If you have follow-up questions, or would like additional details on a result, please contact the AST Education Program Manager, Brian Valeria (bvaleria@myast.org) for more information.

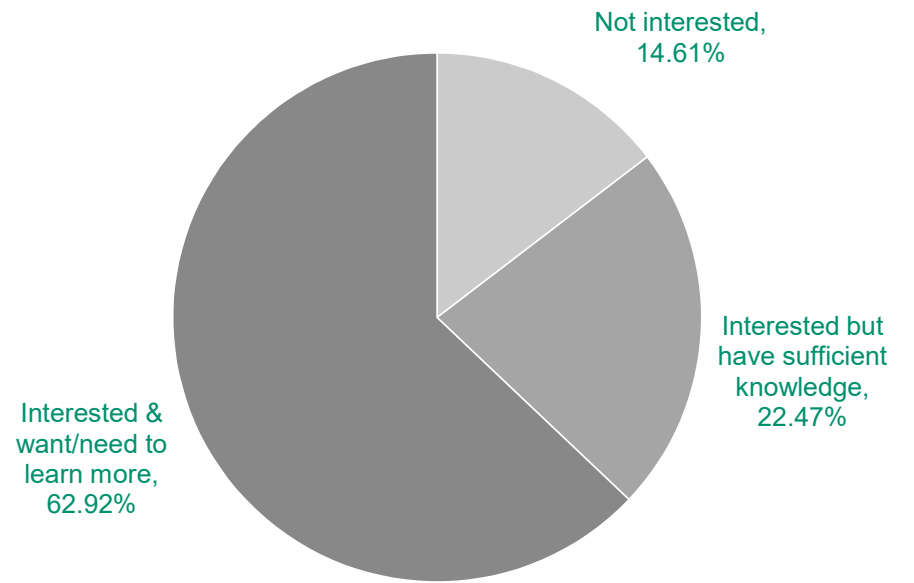
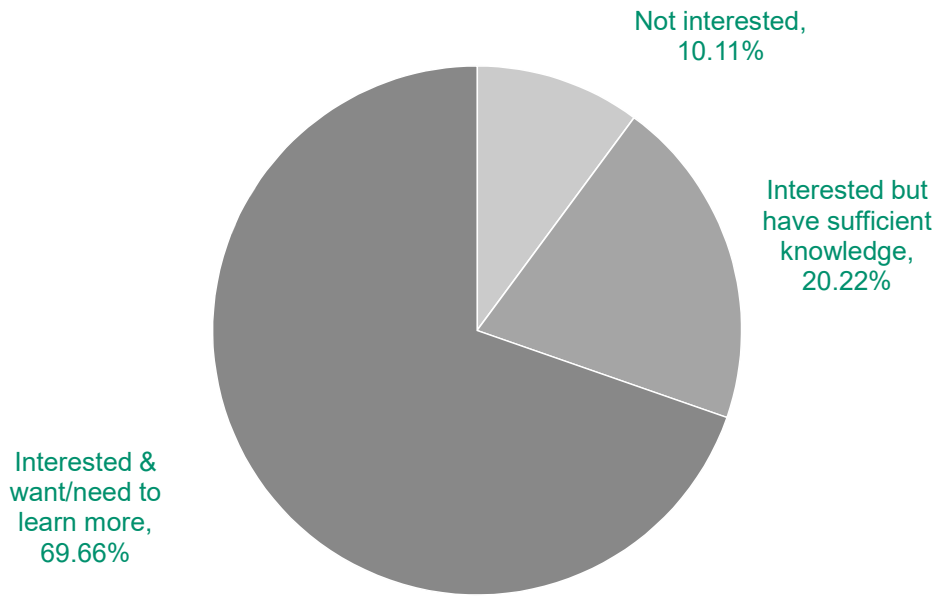
Sexual health after transplant (men and women)

Optimizing birth control for the transplant recipient



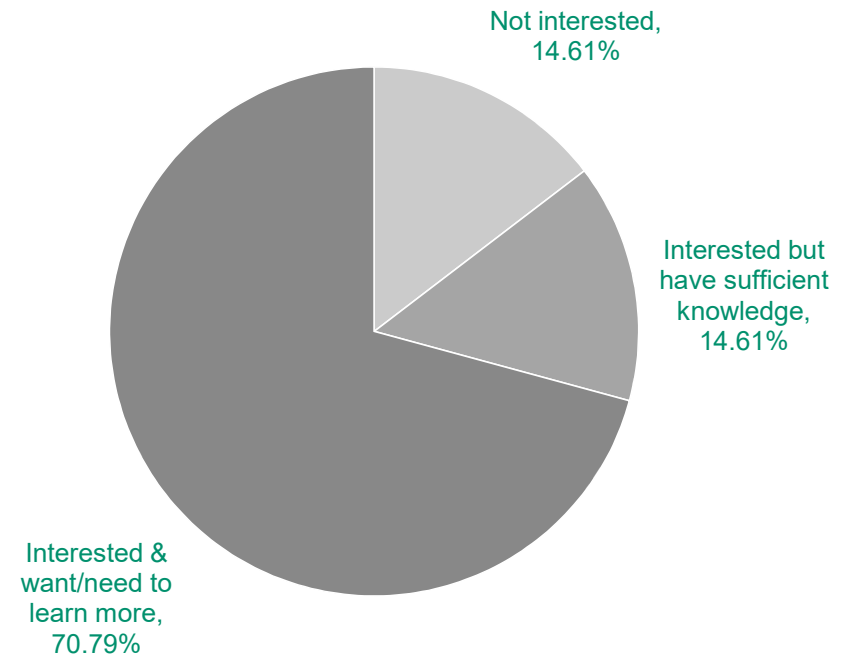
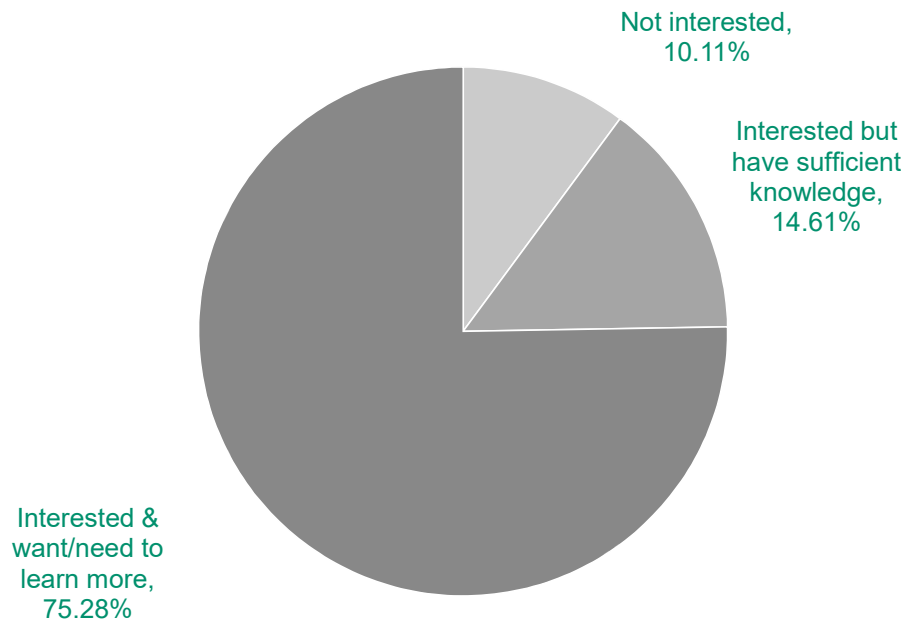
Fertility after organ transplantation

Family planning counseling in transplant recipients



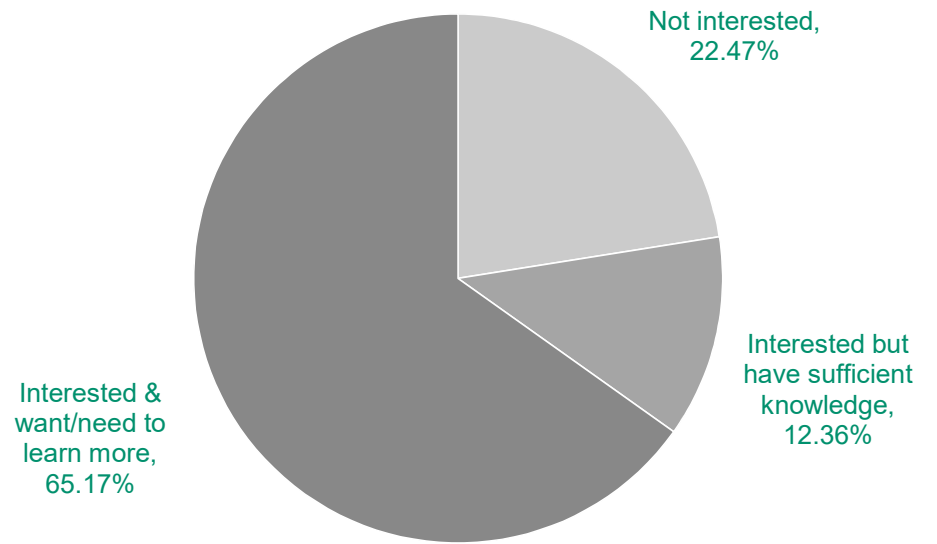
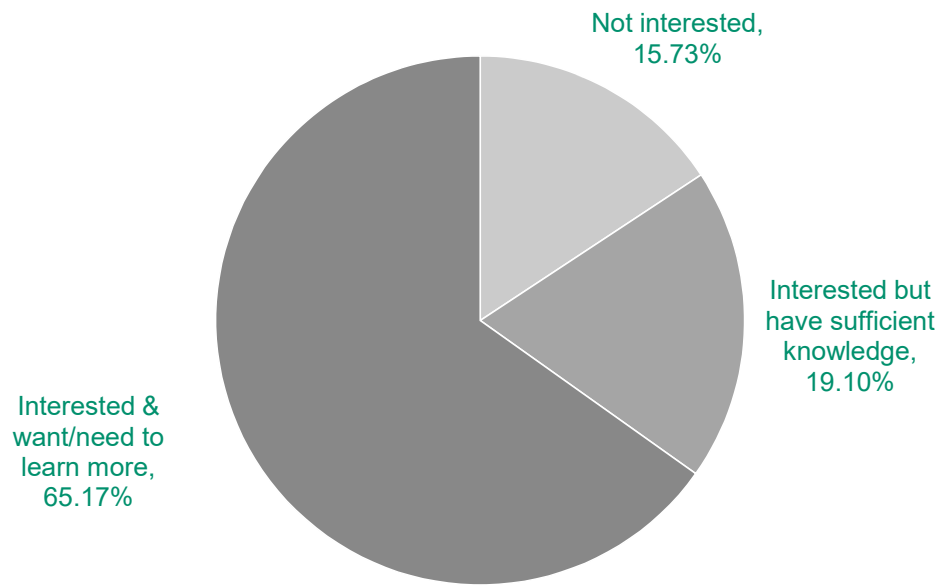
Management of pregnancy in transplant recipients, including pregnancy timing, transplant medication safety in pregnancy and in nursing mothers

Maternal, perinatal, and graft outcomes in pregnancy following transplant



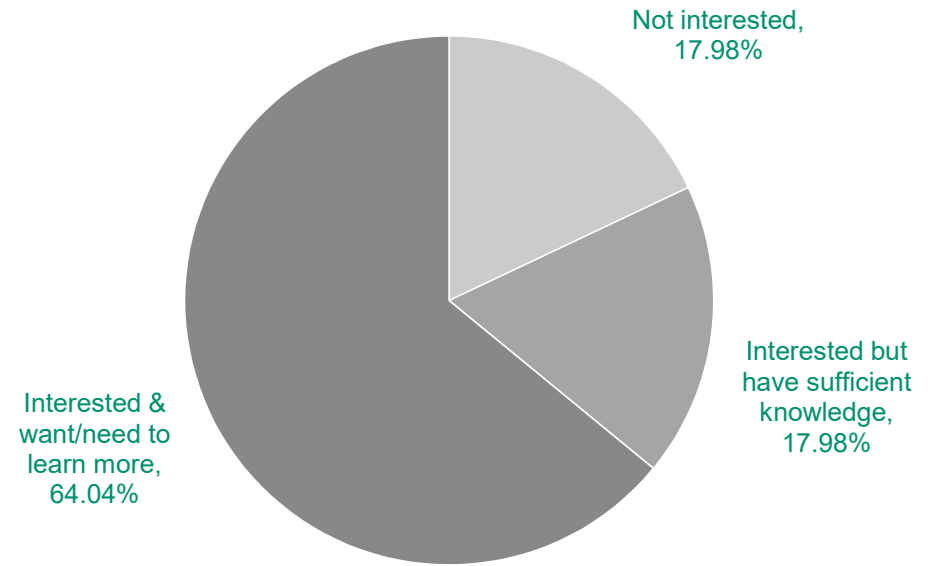
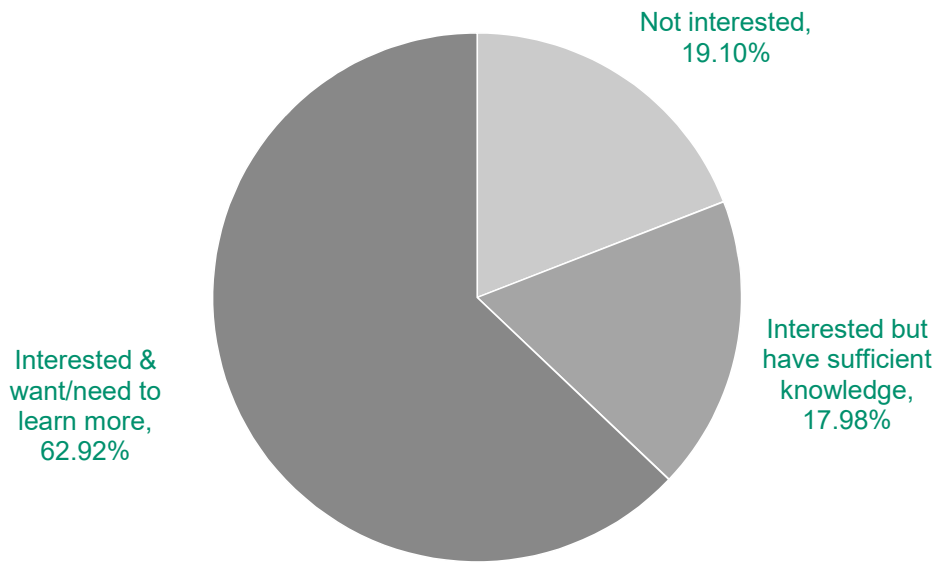
Transplant medication safety in male recipients fathering children

Menopausal management in the transplant recipient

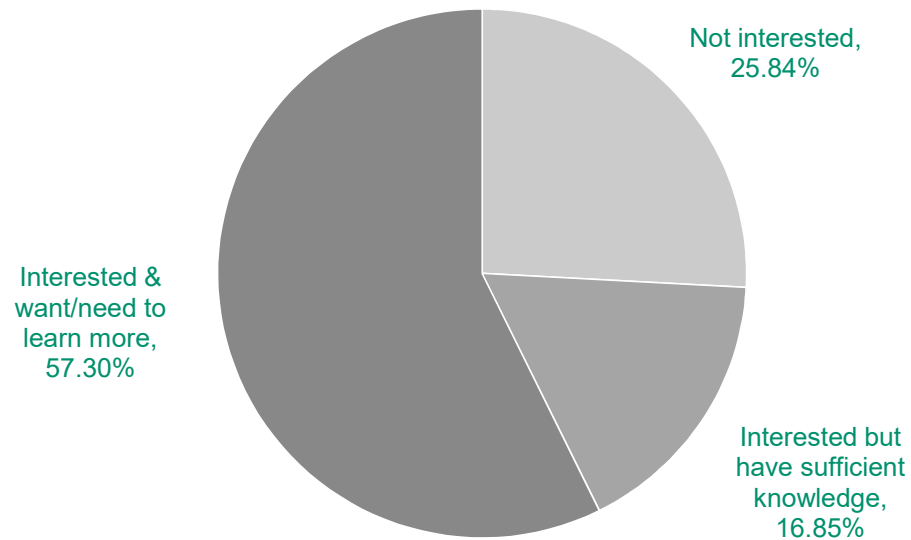


Pregnancy in liver and kidney donors

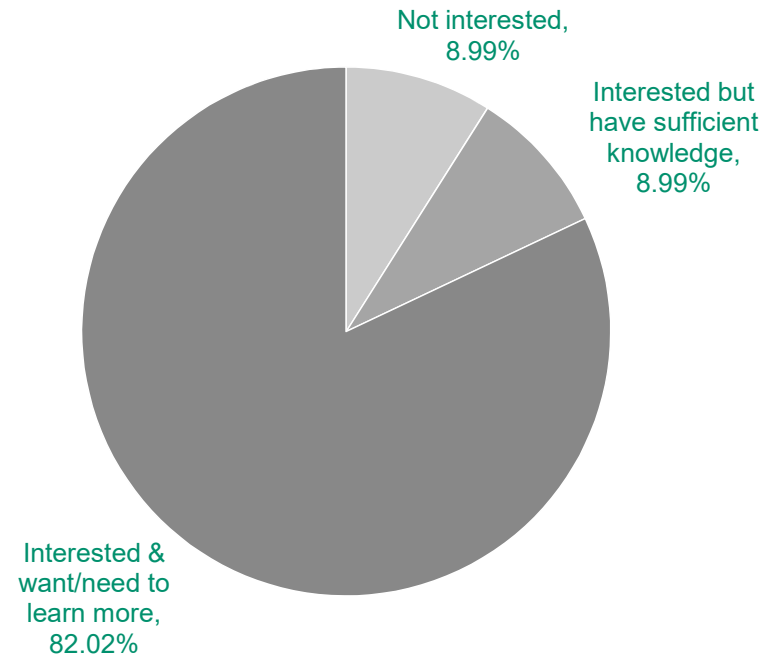
Bone health in the transplant recipient



Coronary artery disease in female transplant candidates and recipients



Career development for women in transplant



Gender disparity in transplantation

