

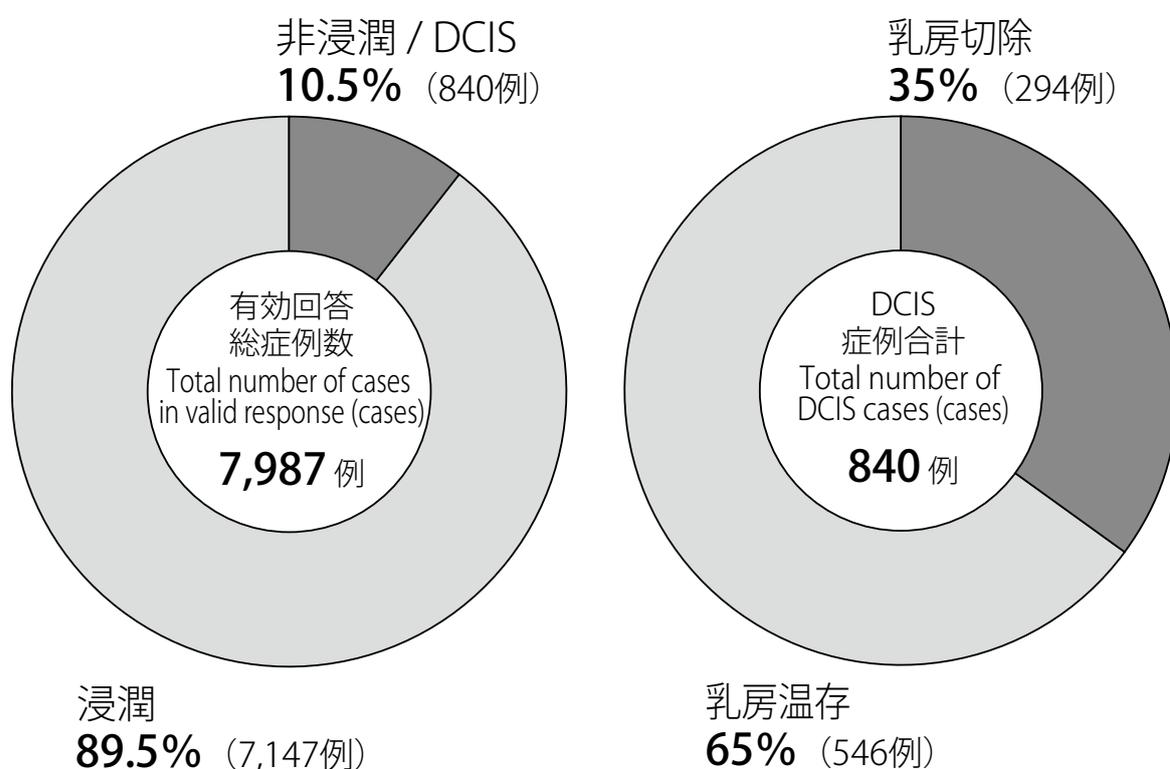
# NPO 法人 日本乳がん情報ネットワーク実施 2005 年非浸潤性乳管がん診断状況に関するアンケート結果

The results of a questionnaire survey on circumstances where ductal carcinoma in situ (DCIS) is diagnosed (2005) conducted by non-profit organization Japan Comprehensive Cancer Network, Breast (JCCNB)

## アンケート結果集計

### 非浸潤癌の割合

|       |                     |
|-------|---------------------|
| 総症例数  | 7,987 例             |
| ● 浸 潤 | 7,147 例 (全体の 89.5%) |
| ● 非浸潤 | 840 例 (全体の 10.5%)   |
| 乳房切除  | 294 例 (非浸潤の 35%)    |
| 温 存   | 546 例 (非浸潤の 65%)    |

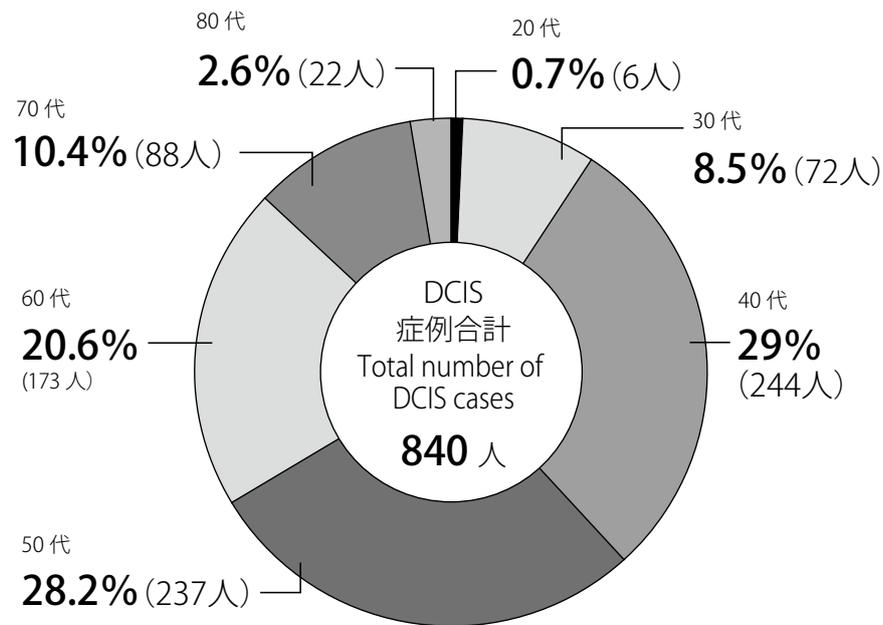


## 平均年齢

|      |        |                        |
|------|--------|------------------------|
| 非浸潤  | 54.2 才 | (年齢合計 :45,504 / 840 人) |
| 乳房切除 | 54.7 才 | (年齢合計 :15,986 / 292 人) |
|      |        | ※ 294 例のうち、2 例年齢不明     |
| 温 存  | 54.1 才 | (年齢合計 :29,613 / 546 人) |

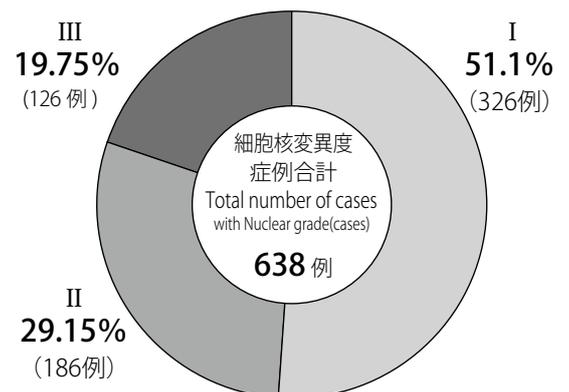
## 年齢別

|     |             |           |
|-----|-------------|-----------|
| 20代 | 6人 / 840人   | 非浸潤の0.7%  |
| 30代 | 72人 / 840人  | 非浸潤の8.5%  |
| 40代 | 244人 / 840人 | 非浸潤の29.0% |
| 50代 | 237人 / 840人 | 非浸潤の28.2% |
| 60代 | 173人 / 840人 | 非浸潤の20.6% |
| 70代 | 88人 / 840人  | 非浸潤の10.4% |
| 80代 | 22人 / 840人  | 非浸潤の2.6%  |



## 細胞核異型度

|     |       |             |
|-----|-------|-------------|
| I   | 326 人 | 本合計の 51.1%  |
| II  | 186 人 | 本合計の 29.15% |
| III | 126 人 | 本合計の 19.75% |
| 合計  | 638 人 |             |



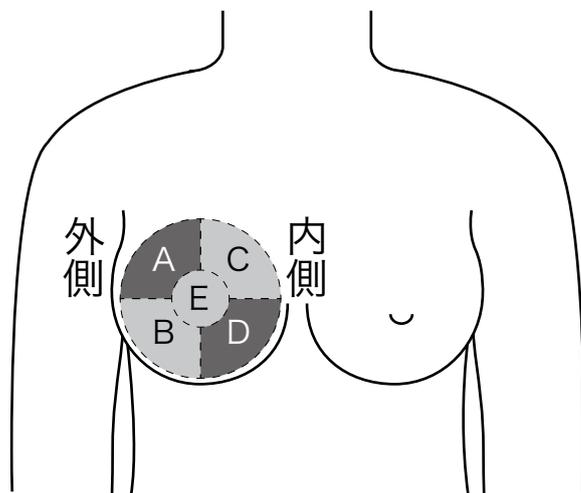
## 発生領域

### 単発 Focal

| 領域 Site | 患者数<br>Number of patients | 総症例数に対する割合<br>Proportion to total number of cases | 非浸潤総数に対する割合<br>Proportion to total number of DCIS cases |
|---------|---------------------------|---|---|
| A       | 120                       | 1.5%  | 14.3%   |
| B       | 56                        | 0.7%  | 6.7%  |
| C       | 296                       | 3.7%  | 35.2%   |
| D       | 84                        | 10.5%   | 10.0%   |
| E       | 15                        | 0.2%  | 1.8%  |

### 多発 Multifocal

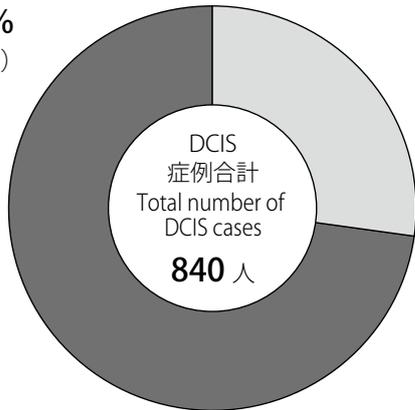
| 発生領域数<br>Number of induction sites | 非浸潤総数に対する割合<br>Proportion to total number of DCIS cases | 平均年齢<br>Average age           |                   |
|------------------------------------|---|-------------------------------|-------------------|
|                                    |   | 温存 / Breast-conserving        | 乳房切除 / Mastectomy |
| 2 領域                               | 17.6%<br>(147 人)  | 温存 / Breast-conserving (85 人) | 51                |
|                                    |   | 乳房切除 / Mastectomy (62 人)      | 52                |
| 3 領域                               | 2.0%<br>(17 人)  | 温存 / Breast-conserving (4 人)  | 68                |
|                                    |   | 乳房切除 / Mastectomy (13 人)      | 46                |
| 4 領域                               | 0.8%<br>(7 人)   | 温存 / Breast-conserving (0 人)  | -                 |
|                                    |   | 乳房切除 / Mastectomy (7 人)       | 54                |



## リンパ節切除

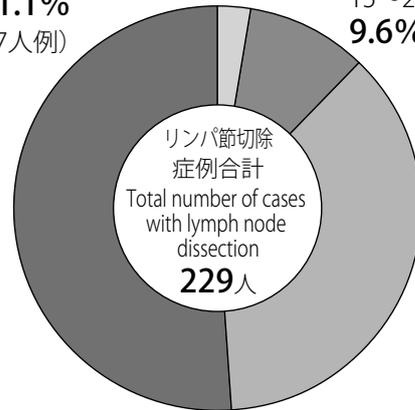
| 郭清数<br>Number of dissection | 温存<br>Breast-conserving | 乳房切除<br>Mastectomy | 合計<br>Total | リンパ節切除症例数に対する割合<br>Proportion to the number of cases with lymph node dissection |       |
|-----------------------------|-------------------------|--------------------|-------------|---|-------|
| 30 or more                  | 0 人                     | 1 人                | 1 人         | 6 人   | 0.7%  |
| 25 ~ 29                     | 2 人                     | 3 人                | 5 人         |   |       |
| 20 ~ 24                     | 5 人                     | 3 人                | 8 人         | 22 人  | 2.6%  |
| 15 ~ 19                     | 3 人                     | 11 人               | 14 人        |   |       |
| 10 ~ 14                     | 13 人                    | 21 人               | 34 人        |   |       |
| 5 ~ 9                       | 24 人                    | 26 人               | 50 人        | 84 人  | 10.0% |
| 1 ~ 4                       | 72 人                    | 45 人               | 117 人       | 117 人   | 13.9% |
| その他 / Other                 | 427 人                   | 184 人              | 611 人       | 611 人   | 72.8% |
| 合計 / Total                  | 546 人                   | 294 人              | 840 人       |   |       |

センチネルリンパ節生検  
あるいは郭清せず  
**72.8%**  
(611例)



リンパ節切除  
**27.2%** (229例)

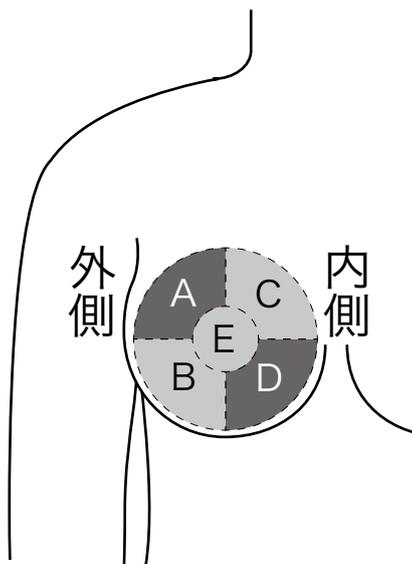
1~4個  
**51.1%**  
(117人例)



25 個以上  
**2.6%** (6人)  
15~24個  
**9.6%** (22人)

5~14個  
**36.7%** (84人)

リンパ節切除の症例一覧 (リンパ節切除 15 個以上の症例を掲載)



| No. | 年齢 | 手術法  | 発生領域 |    | 所見 1        | 所見 2        | リンパ節 |    | 切除断端     |
|-----|----|------|------|----|-------------|-------------|------|----|----------|
|     |    |      | 画像   | 病理 | 最大腫瘍径       | 細胞核異型度      | 転移   | 郭清 |          |
| 1   | 67 | 乳房切除 | C    | C  | × 20        | uncertainty | no   | 33 | negative |
| 2   | 57 | 温存   | E    | E  | 55 × 12     | II          | no   | 28 | negative |
| 3   | 58 | 乳房切  | D    | D  | 80 × 50     | III         | no   | 27 | negative |
| 4   | 36 | 乳房切除 | A    | A  | × 75        | uncertainty | no   | 27 | negative |
| 5   | 48 | 温存   | C    | C  | × 65        | III         | no   | 27 | positive |
| 6   | 46 | 乳房切除 | D    | D  | 35 × 23     | III         | no   | 25 | negative |
| 7   | 70 | 温存   | C    | C  | 20 × 18     | II          | no   | 23 | negative |
| 8   | 68 | 乳房切除 | C    | C  | × 50        | uncertainty | no   | 23 | negative |
| 9   | 34 | 温存   | B    | B  | × 37        | II          | no   | 23 | negative |
| 10  | 50 | 温存   | C    | C  | × 32        | -           | no   | 22 | negative |
| 11  | 43 | 温存   | B    | B  | 11 × 10 × 7 | I           | no   | 21 | negative |
| 12  | 36 | 乳房切除 | A    | A  | 118 × 90    | II          | no   | 20 | negative |
| 13  | 71 | 温存   | A    | A  | 18 × 15     | III         | no   | 20 | negative |
| 14  | 38 | 乳房切除 | A    | -  | 26 × 15     | II          | 2    | 20 | negative |
| 15  | 75 | 乳房切除 | CD   | CD | 50 × 20     | II          | no   | 19 | negative |
| 16  | 58 | 温存   | C    | C  | 9 × 8       | I           | no   | 19 | negative |
| 17  | 35 | 乳房切除 | C    | C  | uncertainty | I           | no   | 18 | negative |
| 18  | 70 | 乳房切除 | D    | D  | × 30        | III         | no   | 18 | negative |
| 19  | 50 | 乳房切除 | CD   | CD | 40 × 15     | I           | no   | 17 | negative |
| 20  | 57 | 乳房切除 | B    | B  | × 8         | uncertainty | no   | 17 | negative |
| 21  | 48 | 乳房切除 | B    | B  | × 31        | II          | no   | 17 | negative |
| 22  | 53 | 温存   | D    | D  | 22 × 20     | III         | no   | 16 | negative |
| 23  | 53 | 乳房切除 | -    | BD | 2.5 × 1.5   | I           | no   | 16 | negative |
| 24  | 56 | 乳房切除 | D    | D  | 50 × 45     | III         | no   | 16 | negative |
| 25  | 77 | 温存   | C    | C  | × 8         | I           | no   | 16 | negative |
| 26  | 63 | 乳房切除 | D    | D  | × 21        | III         | no   | 16 | negative |
| 27  | 66 | 乳房切除 | AE   | AE | 20 x 15     | I           | no   | 15 | negative |
| 28  | 56 | 乳房切除 | C    | CD | 33 × 30     | I           | no   | 15 | negative |

## 高齢者（75才以上）の治療症例

80代 20人（切除9名、温存11名）

70代（75才以上） 30人（切除6名、温存24名）

合計 50人

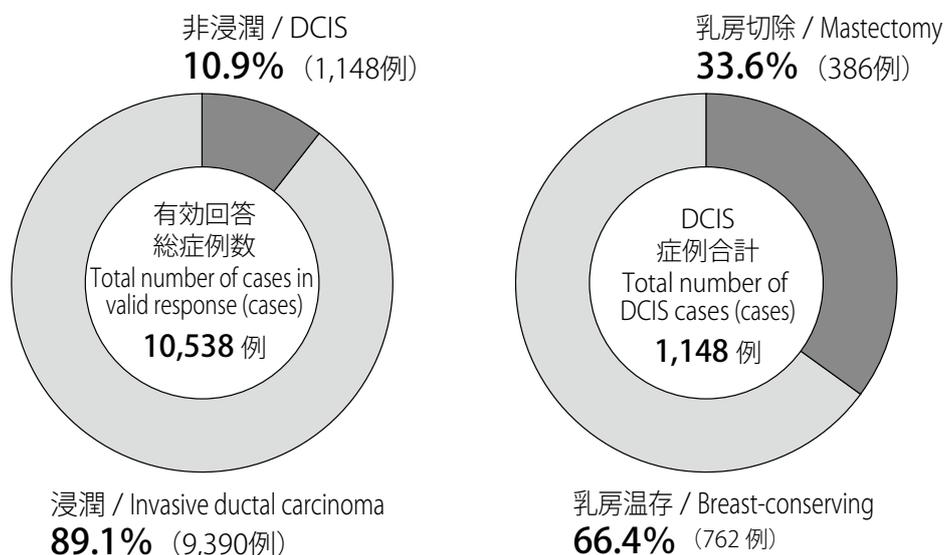
| No. | 年齢<br>age | 手術法<br>surgical technique | 発生領域 / primary site |                 | 所見 1 / findings 1<br>最大腫瘍径 / tumor<br>size(mm) | 所見 2 / findings 2<br>細胞核異型度<br>nuclear size | リンパ節 / lymph node |                             | 切除断端<br>margin status |
|-----|-----------|---------------------------|---------------------|-----------------|--|---|-------------------|-----------------------------|-----------------------|
|     |           |                           | 画像<br>image         | 病理<br>pathology |  |   | 転移<br>metastasis  | 郭清<br>lymph node dissection |                       |
| 1   | 88        | 乳房切除 / mastectomy         | E                   | CD              | 0 × 0  | II  | no                | 0 SNL1                      | -                     |
| 2   | 86        | 温存 / breast-conserving    | C                   | C               | 30 × 28  | -   | no                | 0                           | negative              |
| 3   | 86        | 温存 / breast-conserving    | E                   | -               | 8 × 6  | I   | no                | 0                           | negative              |
| 4   | 86        | 温存 / breast-conserving    | C                   | C               | 不明   | uncertainty                                 | no                | 0                           | negative              |
| 5   | 85        | 温存 / breast-conserving    | D                   | D               | 25 ×   | I   | no                | 0                           | negative              |
| 6   | 84        | 温存 / breast-conserving    | B                   | B               | 12 × 8   | I   | no                | 0                           | negative              |
| 7   | 84        | 乳房切除 / mastectomy         | D                   | D               | × 35   | uncertainty                                 | no                | 0                           | negative              |
| 8   | 83        | 温存 / breast-conserving    | BDE                 | BDE             | 35 × 20  | I   | no                | 0                           | negative              |
| 9   | 82        | 乳房切除 / mastectomy         | A                   | A               | 13 ×   | I   | no                | 0                           | negative              |
| 10  | 82        | 乳房切除 / mastectomy         | AC                  | -               | 15 × 14  | I   | no                | 0                           | -                     |
| 11  | 81        | 温存 / breast-conserving    | A                   | A               | 12 × 9   | I   | no                | 0                           | negative              |
| 12  | 81        | 温存 / breast-conserving    | CD                  | CD              | 20 × 14  | I   | no                | SLNB 4                      | negative              |
| 13  | 81        | 温存 / breast-conserving    | B                   | B               | 68 ×   | I   | no                | 0                           | positive              |
| 14  | 81        | 温存 / breast-conserving    | C                   | C               | 10 × 7   | -   | no                | 0                           | positive              |
| 15  | 81        | 乳房切除 / mastectomy         | C                   | C               | × 40   | III   | no                | 11                          | negative              |
| 16  | 80        | 温存 / breast-conserving    | -                   | -               | 29 × 24  | I   | -                 | 0                           | negative              |
| 17  | 80        | 乳房切除 / mastectomy         | C                   | C               | 40 ×   | II  | no                | 0                           | negative              |
| 18  | 80        | 乳房切除 / mastectomy         | C                   | C               | 30 × 25  | III   | no                | 6                           | negative              |
| 19  | 80        | 乳房切除 / mastectomy         | -                   | -               | 10 × 10  | III   | no                | 2                           | negative              |
| 20  | 80        | 乳房切除 / mastectomy         | A                   | A               | 70 × 25  | -   | yes               | 0                           | negative              |
| 21  | 79        | 温存 / breast-conserving    | C                   | C               | 17 × 9   | uncertainty                                 | no                | 3                           | negative              |
| 22  | 79        | 温存 / breast-conserving    | C                   | C               | 8 × 3  | I   | -                 | SLNB 3                      | negative              |
| 23  | 79        | 温存 / breast-conserving    | D                   | D               | 13 ×   | I   | no                | 0                           | negative              |
| 24  | 78        | 乳房切除 / mastectomy         | C                   | C               | 18 × 15  | -   | no                | 2                           | negative              |
| 25  | 78        | 乳房切除 / mastectomy         | C                   | C               | 15 × 15  | II  | no                | 1                           | negative              |
| 26  | 77        | 温存 / breast-conserving    | C                   | C               | 27 × 24  | I   | no                | 0                           | negative              |
| 27  | 77        | 温存 / breast-conserving    | D                   | D               | 43 × 24  | II  | -                 | 0                           | positive              |
| 28  | 77        | 温存 / breast-conserving    | A                   | A               | 40 × 30  | II  | no                | 0                           | negative              |
| 29  | 77        | 温存 / breast-conserving    | -                   | -               | 16 × 11  | I   | no                | 2                           | negative              |
| 30  | 77        | 温存 / breast-conserving    | B                   | B               | × 17   | uncertainty                                 | no                | 0                           | negative              |
| 31  | 77        | 温存 / breast-conserving    | C                   | C               | × 8  | I   | no                | 16                          | negative              |
| 32  | 76        | 温存 / breast-conserving    | D                   | D               | 4 × 4  | I   | no                | 0                           | negative              |
| 33  | 76        | 温存 / breast-conserving    | C                   | C               | 27 × 23  | II  | no                | 0                           | negative              |
| 34  | 76        | 温存 / breast-conserving    | DEC                 | DEC             | 25 × 5   | II  | no                | 0                           | negative              |
| 35  | 76        | 温存 / breast-conserving    | B                   | B               | 20 × 16  | II  | -                 | 0                           | positive              |
| 36  | 76        | 温存 / breast-conserving    | C                   | C               | 60 × 35  | I   | no                | 0                           | positive              |
| 37  | 76        | 温存 / breast-conserving    | D                   | D               | 25 × 7   | I   | no                | 0                           | negative              |
| 38  | 76        | 温存 / breast-conserving    | A                   | A               | 10 × 10  | -   | no                | 0                           | negative              |
| 39  | 76        | 温存 / breast-conserving    | -                   | -               | 45 × 40  | I   | no                | 4                           | negative              |
| 40  | 76        | 温存 / breast-conserving    | -                   | -               | 20 × 10  | -   | no                | 4                           | negative              |
| 41  | 76        | 温存 / breast-conserving    | -                   | -               | 2 × 5  | I   | -                 | 0                           | negative              |
| 42  | 76        | 温存 / breast-conserving    | E                   | E               | 27 × 25  | -   | -                 | 0                           | negative              |
| 43  | 75        | 温存 / breast-conserving    | AC                  | AC              | 5 × 5  | I   | no                | SLNB6                       | negative              |
| 44  | 75        | 温存 / breast-conserving    | C                   | C               | 55 × 42  | II  | no                | 0                           | positive              |
| 45  | 75        | 温存 / breast-conserving    | C                   | C               | 15 × 10  | I   | 不明                | 0                           | negative              |
| 46  | 75        | 温存 / breast-conserving    | CD                  | CD              | 8 × 8  | uncertainty                                 | no                | OSLN1                       | negative              |
| 47  | 75        | 乳房切除 / mastectomy         | A                   | A               | 65 × 25  | II  | no                | 14                          | negative              |
| 48  | 75        | 乳房切除 / mastectomy         | CD                  | CD              | 50 × 20  | II  | no                | 19                          | negative              |
| 49  | 75        | 乳房切除 / mastectomy         | C                   | C               | 80 ×   | I   | no                | 0                           | negative              |
| 50  | 75        | 乳房切除 / mastectomy         | B                   | B               | 11 × 8   | I   | no                | 0                           | negative              |

## 転移患者の治療症例一覧

| No. | 年齢<br>age | 手術法<br>surgical technique | 発生領域 / primary site |                 | 所見 1 / findings 1<br>最大腫瘍径<br>tumor size(mm) | 所見 2 / findings 2<br>細胞核異型度<br>nuclear size | リンパ節 / lymph node |                             | 切除断端<br>margin status |
|-----|-----------|---------------------------|---------------------|-----------------|--|---|-------------------|-----------------------------|-----------------------|
|     |           |                           | 画像<br>image         | 病理<br>pathology |  |   | 転移<br>metastasis  | 郭清<br>lymph node dissection |                       |
| 1   | 40        | 温存 / breast-conserving    | A                   | A               | 30-45  | I   | yes               | 0                           | yes                   |
| 2   | 43        | 乳房切除 / mastectomy         | A                   | A               | 65 × 40                                      | -   | yes               | 7                           | no                    |
| 3   | 38        | 乳房切除 / mastectomy         | A                   | -               | 26-15  | II  | yes               | 20                          | no                    |
| 4   | 72        | 乳房切除 / mastectomy         | E                   | -               | 36-20  | I   | yes               | 0                           | no                    |

## 参 考

NPO 法人日本乳がん情報ネットワークと乳癌カンファレンスメンバー施設による、  
2005 年非浸潤性乳管がん診断状況に関するアンケート結果



| 実施事務局<br>Secretariat conducted the survey   | 総計<br>Total number of cases | 非浸潤性乳管がん症例数 / DCIS Cases |                    |                           |
|---|-----------------------------|--------------------------|--------------------|---------------------------|
|   |                             | 合計<br>Total              | 乳房切除<br>Mastectomy | 乳房温存<br>Breast-conserving |
| NPO 法人日本乳がん情報ネットワーク<br>NPO Japan Comprehensive Cancer Network, Breast (JCCNB)         |                             |                          |                    |                           |
| 施設発送 108<br>Questionnaire sent to organizations<br>有効回答 50 (46.29%)<br>Valid response | 7,987                       | 840                      | 294                | 546                       |
| 乳癌カンファレンスメンバー施設 (11 施設)<br>Member organizations of Breast Cancer Conference           | 2,551                       | 308                      | 92                 | 216                       |
| 合 計 / Total   | 10,538                      | 1,148                    | 386                | 762                       |