

【MLL-AF6融合遺伝子陽性急性骨髄性白血病の移植成績】

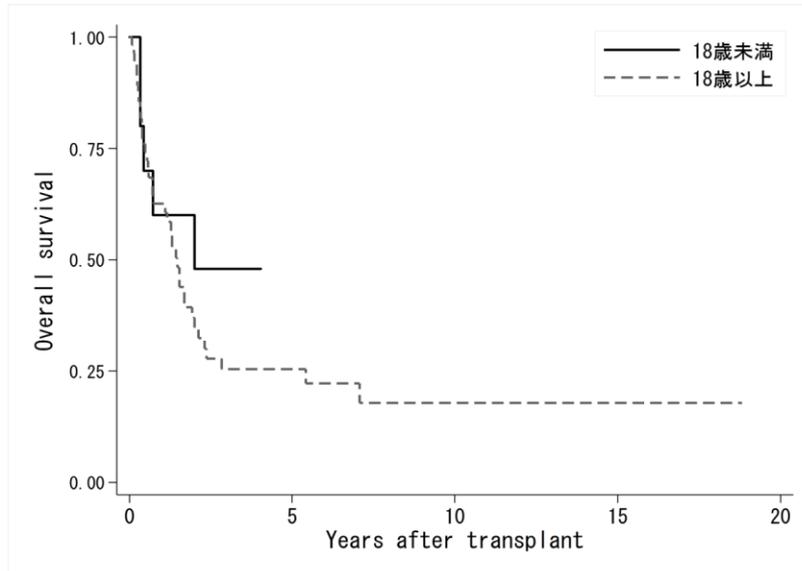
- ・ 2014年度固定データセット（2013年12月までの移植データ）を使用。
- ・ 1995年4月以降の初回移植例のうち、TRUMP項目「AML\_染色体異常\_有無」が「有」で「AML\_染色体異常\_その他\_自由記載」に「MLL-AF6融合遺伝子陽性」に該当する記載のあった症例数は65例であった。  
(自由記載の内容については、研究者に確認し「AF6」、「t(6;11)(q27;q23)」で抽出した)

Table1.

|                |                   | 18歳未満                                |        | 18歳以上              |       |       |
|----------------|-------------------|--------------------------------------|--------|--------------------|-------|-------|
|                |                   | n                                    | %      | n                  | %     |       |
| 移植年            | 1995-1999         | 0                                    | 0.0%   | 3                  | 5.5%  |       |
|                | 2000-2004         | 2                                    | 20.0%  | 9                  | 16.4% |       |
|                | 2005-2009         | 5                                    | 50.0%  | 24                 | 43.6% |       |
|                | 2010-2013         | 3                                    | 30.0%  | 19                 | 34.6% |       |
| 性別             | 男                 | 6                                    | 60.0%  | 30                 | 54.6% |       |
|                | 女                 | 4                                    | 40.0%  | 25                 | 45.5% |       |
| 移植時年齢          | median(min-max)   | 14 ( 3 - 17 )                        |        | 36 ( 18 - 75 )     |       |       |
| 移植時病期          | 1CR               | 5                                    | 50.0%  | 26                 | 47.3% |       |
|                | 2CR               | 1                                    | 10.0%  | 6                  | 10.9% |       |
|                | >=3CR             | 0                                    | 0.0%   | 1                  | 1.8%  |       |
|                | NCR               | 3                                    | 30.0%  | 21                 | 38.2% |       |
|                | missing           | 1                                    | 10.0%  | 1                  | 1.8%  |       |
| 移植種類_HLA match | Rel-BM            | Serotype 6/6 match                   | 1      | 10.0%              | 7     | 12.7% |
|                |                   | Serotype mismatch                    | 0      | 0.0%               | 2     | 3.6%  |
|                |                   | missing                              | 0      | 0.0%               | 1     | 1.8%  |
|                | Rel-PB            | Serotype 6/6 match                   | 2      | 20.0%              | 9     | 16.4% |
|                |                   | Serotype mismatch                    | 1      | 10.0%              | 1     | 1.8%  |
|                |                   | missing                              | 0      | 0.0%               | 1     | 1.8%  |
|                | UR-BM             | Genotype 8/8 match                   | 0      | 0.0%               | 8     | 14.6% |
|                |                   | Genotype mismatch                    | 3      | 30.0%              | 8     | 14.6% |
|                |                   | missing                              | 0      | 0.0%               | 3     | 5.5%  |
|                | UR-CB             |                                      | 3      | 30.0%              | 15    | 27.3% |
| ドナー性別          | 男                 | 5                                    | 50.0%  | 31                 | 56.4% |       |
|                | 女                 | 4                                    | 40.0%  | 20                 | 36.4% |       |
|                | missing           | 1                                    | 10.0%  | 4                  | 7.3%  |       |
| 輸注細胞数          | Rel & UR          | median(min-max) 40.6 ( 11.5 - 69.6 ) |        | 2.8 ( 0.2 - 12.6 ) |       |       |
|                | CBT               | median(min-max) 0.3 ( 0.2 - 0.7 )    |        | 0.2 ( 0.2 - 9.8 )  |       |       |
| 移植前処置          | MAC               | 10                                   | 100.0% | 41                 | 74.6% |       |
|                | RIC               | 0                                    | 0.0%   | 8                  | 14.6% |       |
|                | missing           | 0                                    | 0.0%   | 6                  | 10.9% |       |
| 移植前処置          | CY+TBI±           | 5                                    | 50.0%  | 30                 | 54.6% |       |
|                | Other TBI regimen | 3                                    | 30.0%  | 2                  | 3.6%  |       |
|                | BU+CY±            | 1                                    | 10.0%  | 10                 | 18.2% |       |
|                | Other non TBI     | 1                                    | 10.0%  | 5                  | 9.1%  |       |
|                | FL±TBI±           | 0                                    | 0.0%   | 8                  | 14.6% |       |
|                | Other RIST        | 0                                    | 0.0%   | 0                  | 0.0%  |       |
| GVHD予防法        | 無し                | 0                                    | 0.0%   | 0                  | 0.0%  |       |
|                | CyA+MTX           | 2                                    | 20.0%  | 27                 | 49.1% |       |
|                | CyA±              | 2                                    | 20.0%  | 1                  | 1.8%  |       |
|                | Tac+MTX           | 5                                    | 50.0%  | 18                 | 32.7% |       |
|                | Tac±              | 0                                    | 0.0%   | 9                  | 16.4% |       |
|                | Other             | 1                                    | 10.0%  | 0                  | 0.0%  |       |
|                | 死因                | 拒絶/生着不全                              | 0      | 0.0%               | 0     | 0.0%  |
| 間質性肺炎以外の感染症    | 1                 | 20.0%                                | 5      | 12.8%              |       |       |
| 間質性肺炎          | 0                 | 0.0%                                 | 2      | 5.1%               |       |       |
| ARDS           | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |
| aGVHD          | 0                 | 0.0%                                 | 2      | 5.1%               |       |       |
| cGVHD          | 0                 | 0.0%                                 | 1      | 2.6%               |       |       |
| VOD            | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |
| TMA            | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |
| 原疾患の再発/増悪      | 2                 | 40.0%                                | 21     | 53.9%              |       |       |
| 二次性悪性腫瘍        | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |
| 出血             | 1                 | 20.0%                                | 4      | 10.3%              |       |       |
| 外因死            | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |
| 臓器不全           | 1                 | 20.0%                                | 4      | 10.3%              |       |       |
| その他            | 0                 | 0.0%                                 | 0      | 0.0%               |       |       |

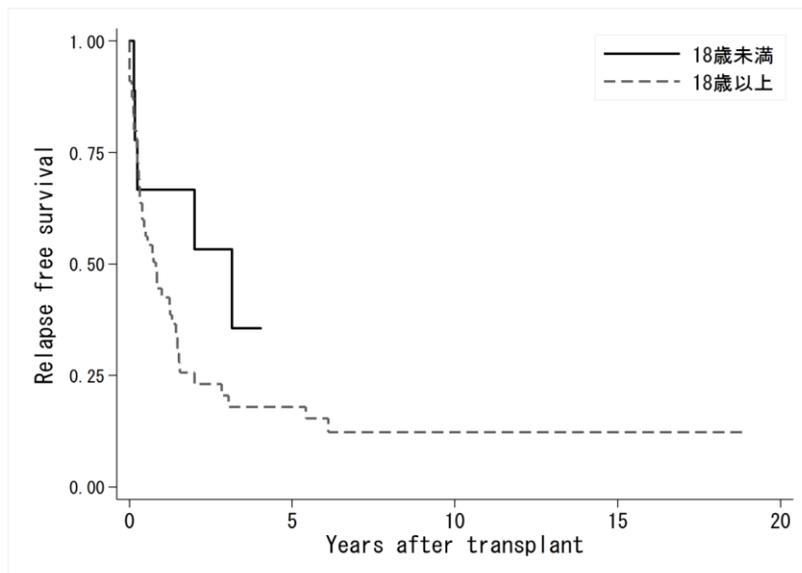
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●全生存率（解析対象：65例）



| Time | 18歳未満            |                   |   | 18歳以上            |                   |    |
|------|------------------|-------------------|---|------------------|-------------------|----|
|      | Survival Rate(%) | 95%C.I.           | n | Survival Rate(%) | 95%C.I.           | n  |
| 1年   | 60.0%            | ( 25.3% - 82.7% ) | 5 | 62.6%            | ( 48.2% - 74.1% ) | 31 |
| 3年   | 48.0%            | ( 16.1% - 74.5% ) | 3 | 25.4%            | ( 14.0% - 38.5% ) | 11 |
| 5年   | -                |                   |   | 25.4%            | ( 14.0% - 38.5% ) | 8  |
| 7年   | -                |                   |   | 22.2%            | ( 11.3% - 35.5% ) | 5  |
| 10年  | -                |                   |   | 17.8%            | ( 7.4% - 31.9% )  | 1  |

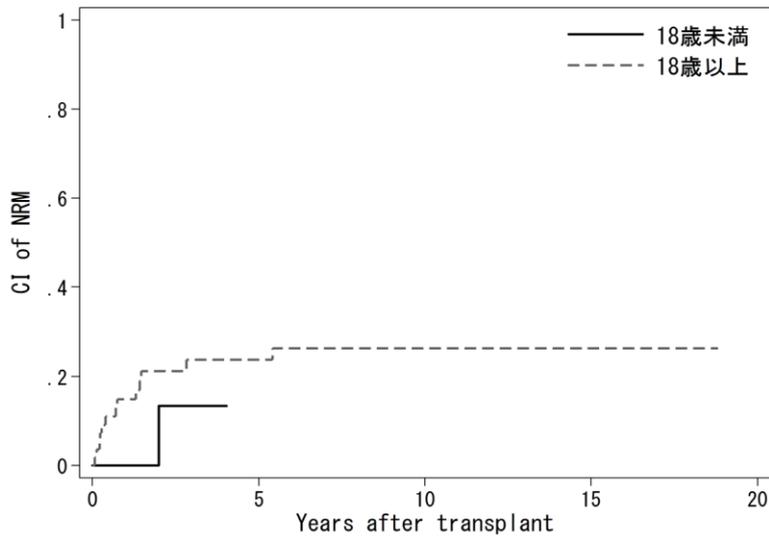
●無病生存率（解析対象：64例）



| Time | 18歳未満            |                   |   | 18歳以上            |                   |    |
|------|------------------|-------------------|---|------------------|-------------------|----|
|      | Survival Rate(%) | 95%C.I.           | n | Survival Rate(%) | 95%C.I.           | n  |
| 1年   | 66.7%            | ( 28.2% - 87.8% ) | 5 | 42.6%            | ( 29.2% - 55.3% ) | 21 |
| 3年   | 53.3%            | ( 17.7% - 79.6% ) | 3 | 20.5%            | ( 10.3% - 33.0% ) | 8  |
| 5年   | -                |                   |   | 17.9%            | ( 8.4% - 30.2% )  | 7  |
| 7年   | -                |                   |   | 12.3%            | ( 4.5% - 24.2% )  | 3  |
| 10年  | -                |                   |   | 12.3%            | ( 4.5% - 24.2% )  | 1  |

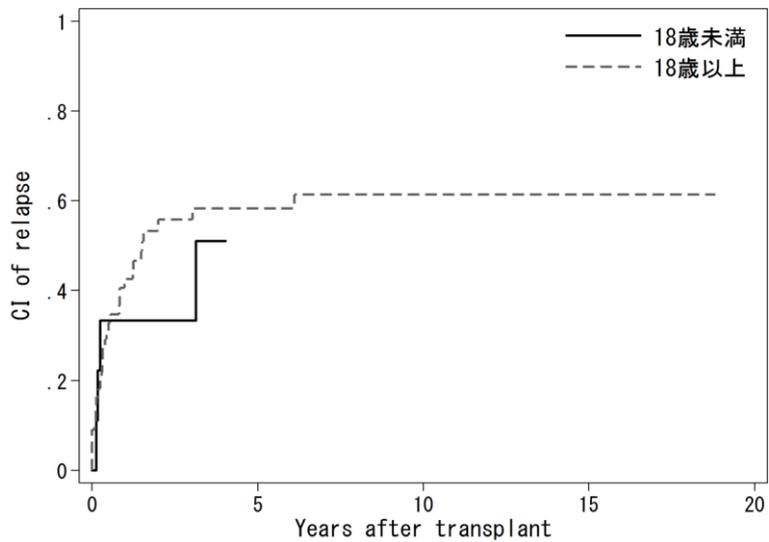
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● 累積非腫瘍死亡率（解析対象：64例）



| Time | 18歳未満        |                  |   | 18歳以上        |                   |    |
|------|--------------|------------------|---|--------------|-------------------|----|
|      | CI of NRM(%) | 95%C.I.          | n | CI of NRM(%) | 95%C.I.           | n  |
| 1年   | 0.0%         |                  | 5 | 14.8%        | ( 6.9% - 25.6% )  | 21 |
| 3年   | 13.3%        | ( 0.7% - 44.1% ) | 3 | 23.7%        | ( 13.1% - 36.1% ) | 8  |
| 5年   | -            |                  |   | 23.7%        | ( 13.1% - 36.1% ) | 7  |
| 7年   | -            |                  |   | 26.3%        | ( 14.9% - 39.1% ) | 3  |
| 10年  | -            |                  |   | 26.3%        | ( 14.9% - 39.1% ) | 1  |

● 累積再発率（解析対象：64例）



| Time | 18歳未満            |                  |   | 18歳以上            |                   |    |
|------|------------------|------------------|---|------------------|-------------------|----|
|      | CI of relapse(%) | 95%C.I.          | n | CI of relapse(%) | 95%C.I.           | n  |
| 1年   | 33.3%            | ( 7.8% - 62.3% ) | 5 | 42.6%            | ( 29.3% - 55.3% ) | 21 |
| 3年   | 33.3%            | ( 7.8% - 62.3% ) | 3 | 55.8%            | ( 41.0% - 68.3% ) | 8  |
| 5年   | -                |                  |   | 58.4%            | ( 43.4% - 70.7% ) | 7  |
| 7年   | -                |                  |   | 61.5%            | ( 46.0% - 73.7% ) | 3  |
| 10年  | -                |                  |   | 61.5%            | ( 46.0% - 73.7% ) | 1  |