

【Lemierre 症候群】

- 1936 年に Lemierre により報告された症候群
- 好発年齢：16-19 歳
- 0.6 ～ 2.3 人/百万人
- 死亡率は約 5%
- 嫌気性菌による感染症（好気性菌での報告もある）
- 健康な若年者に発症することが多い
- 先行する口腔・咽頭感染
- 内頸静脈血栓性静脈炎 “胸鎖乳突筋に沿った圧痛，腫脹”
- 肺・関節・骨などへの septic emboli
- 呼吸・循環不全、DIC など多系統にわたる障害
- 治療はβラクタマーゼ阻害薬配合ペニシリン
嫌気性菌を含む複数菌をターゲットに
βラクタマーゼ産生の *F. necrophorum* は 22%とも
- 治療期間の指針なし．多くは 4 週以上．肺塞栓がある場合は消えるまで
- 抗凝固療法に関しては確立した推奨なし
血栓が retrograde に頭蓋内に進展する場合には考慮

参考文献

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- 2) Rachel J. Cook, Rendell W. Ashton, Gregory L. Aughenbaugh, Jay h. ryu. Septic Pulmonary Embolism, *Chest* 2005;128:162-166
- 3) Riordan. T. Human infection with *Fusobacterium necrophorum* (Necrobacillosis), with a focus on Lemierre's syndrome. *Clin Microbiol. ev.* 2007 Oct;20(4):622-59.
- 4) Denis Spelman. Suppurative (septic) thrombophlebitis. *Uptodate*
- 5) 川島篤志. Lemierre 症候群. 呼吸 2008.27.

| Major features of Lemierre's syndrome in published series | | | | | |
|---|--------------|------------|------------|--------------------|-------------------|
| | Sinave et al | Eykyn | Moreno | Leugers and Clover | Hagelskjaer et al |
| Number of cases | 38 | 29 | 11 | 39 | 15 |
| Median age (range) | 20 (2-38) | 22 (16-27) | 18 (13-23) | 18 (9-38) | 18 (14-31) |
| <i>F.necrophorum</i> in BCx (%) | 61 | 86 | 100 | 100 | 100 |
| Pulmonary lesions (%) | 97 | 97 | 100 | 85 | 80 |
| Septic arthritis (%) | 13 | 14 | 18 | 26 | 27 |
| Osteomyelitis (%) | 2.6 | 3.0 | 0 | 2.5 | 0 |
| Skin and soft tissue lesions (%) | 16 | NR | NR | 5 | 0 |
| Fever after antibiotic (days) | NR | NR | 10 | 8(2-16) | 12(1-20) |
| Antibiotic duration | NR | Average 6W | Min. 6W | 9-128D | Mean 18D |
| Mortality(%) | 5.3 | 3.0 | 18.0 | 8.0 | 0 |

参考文献 1 より抜粋

Isolated organisms with Lemierre's syndrome

| Organism(s) isolated | No. (%) of Lemierre's syndrome cases with: | | Cases with bacteria other than <i>F. necrophorum</i> |
|---|--|---------------------------|--|
| | Fusobacteria isolated | Fusobacteria not isolated | |
| All cases | | | |
| Pure <i>F. necrophorum</i> | 133 (60) | | |
| Pure <i>Fusobacterium</i> sp. | 31 (14) | | |
| <i>F. necrophorum</i> in mixed culture | 19 (9) | | |
| <i>Fusobacterium</i> sp. in mixed culture | 7 (3) | | |
| Organism other than fusobacteria isolated | | 18 (8) | |
| Culture negative | | 14 (6) | |
| | | | Anaerobes |
| | | | <i>Bacteroides</i> sp. |
| | | | 4 |
| | | | 2 |
| | | | <i>Eubacterium</i> sp. |
| | | | 1 |
| | | | <i>Fusobacterium</i> sp. (in addition to <i>F. necrophorum</i>) |
| | | | 1 |
| | | | <i>Lactobacillus</i> sp. |
| | | | 1 |
| | | | <i>Peptococcus</i> sp. |
| | | | 1 |
| | | | <i>Peptostreptococcus</i> sp. |
| | | | 8 |
| | | | 1 |
| | | | <i>Prevotella</i> sp. |
| | | | 2 |
| | | | 1 |
| | | | <i>Porphyromonas</i> sp. |
| | | | 2 |
| | | | Unidentified anaerobe* |
| | | | 4* |
| | | | Total |
| | | | 18 |
| | | | 10 |
| | | | Aerobes |
| | | | <i>Arcanobacterium haemolyticum</i> |
| | | | 2 |
| | | | <i>Eikenella corrodens</i> |
| | | | 1 |
| | | | 2 |
| | | | <i>Enterococcus</i> sp. |
| | | | 1 |
| | | | <i>E. coli</i> |
| | | | 1 |
| | | | 2 |
| | | | <i>Proteus</i> sp. |
| | | | 1 |
| | | | 1 |
| | | | <i>Streptococcus bovis</i> |
| | | | 1 |
| | | | <i>Streptococcus</i> group A |
| | | | 1 |
| | | | <i>Streptococcus</i> group B |
| | | | 4 |
| | | | 1 |
| | | | <i>Streptococcus</i> group C |
| | | | 8 |
| | | | 5 |
| | | | Streptococci (oral) |
| | | | 20 |
| | | | 11 |

参考文献 3 より引用