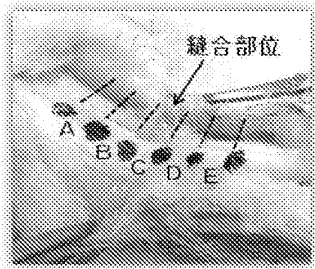
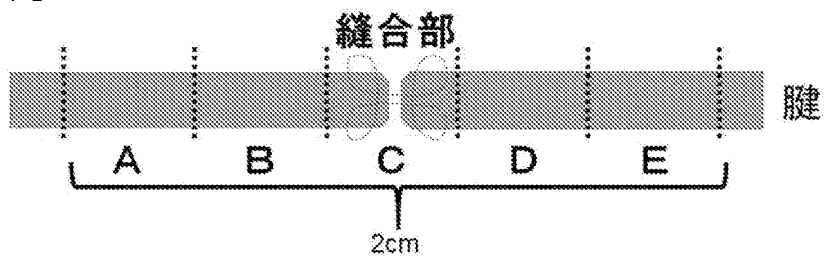
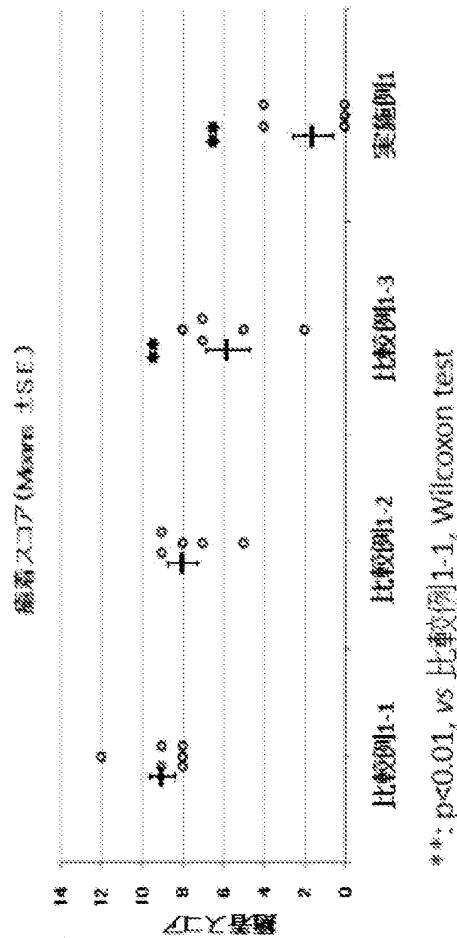


[図1]

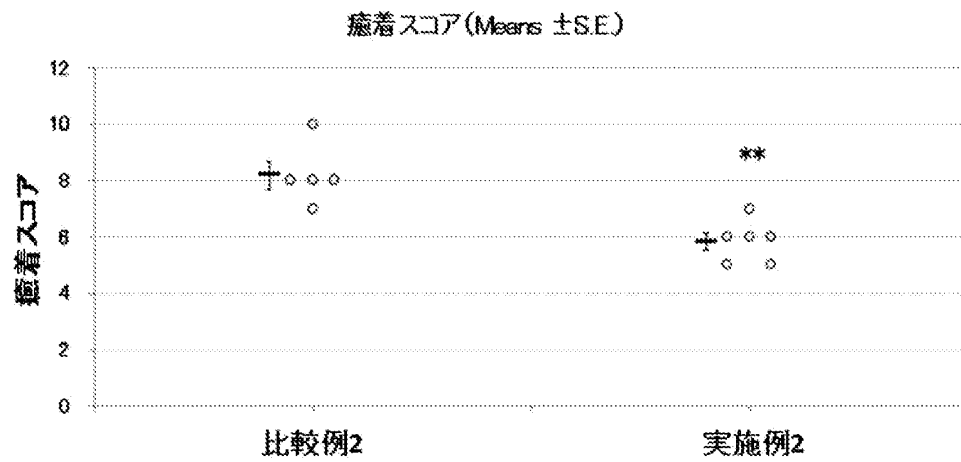


[図2]



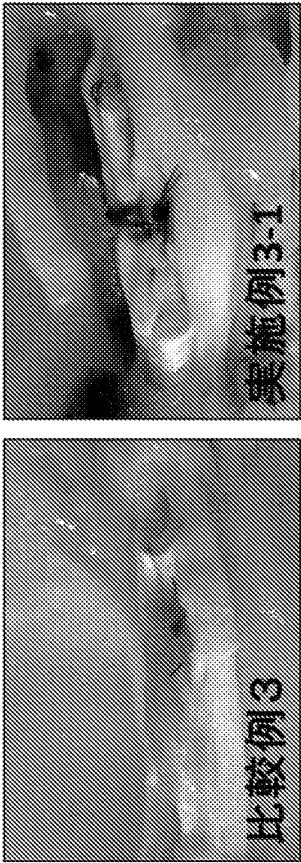
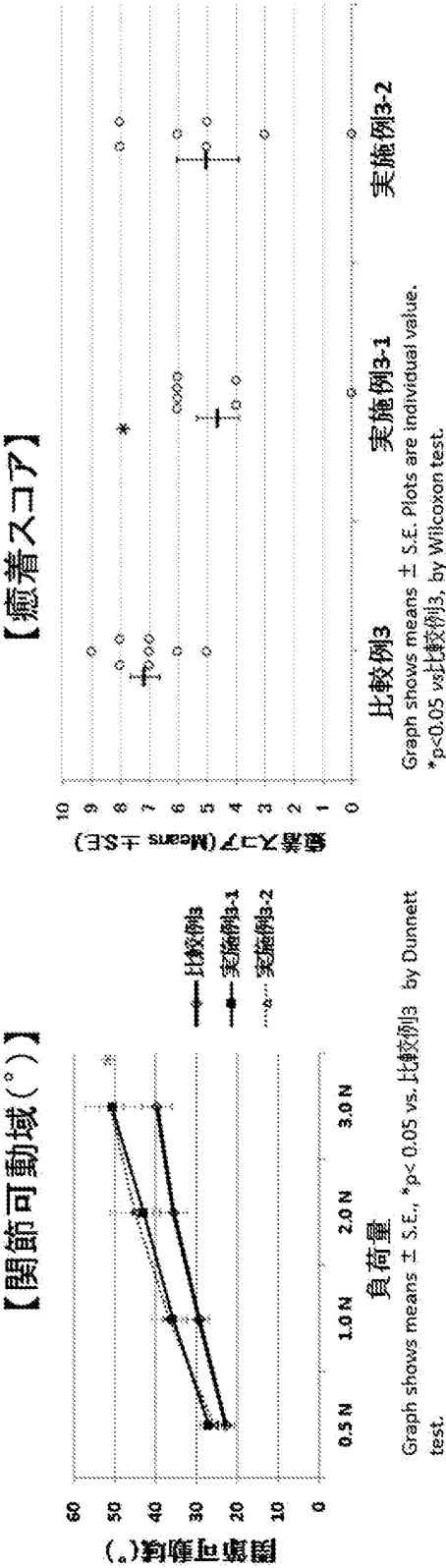
検体	アキレス腱に換体が張 存している個体数/ 全個体数
比較例1-1	1/6
比較例1-2	0/6
比較例1-3	5/5
実施例1	5/5

[図3]



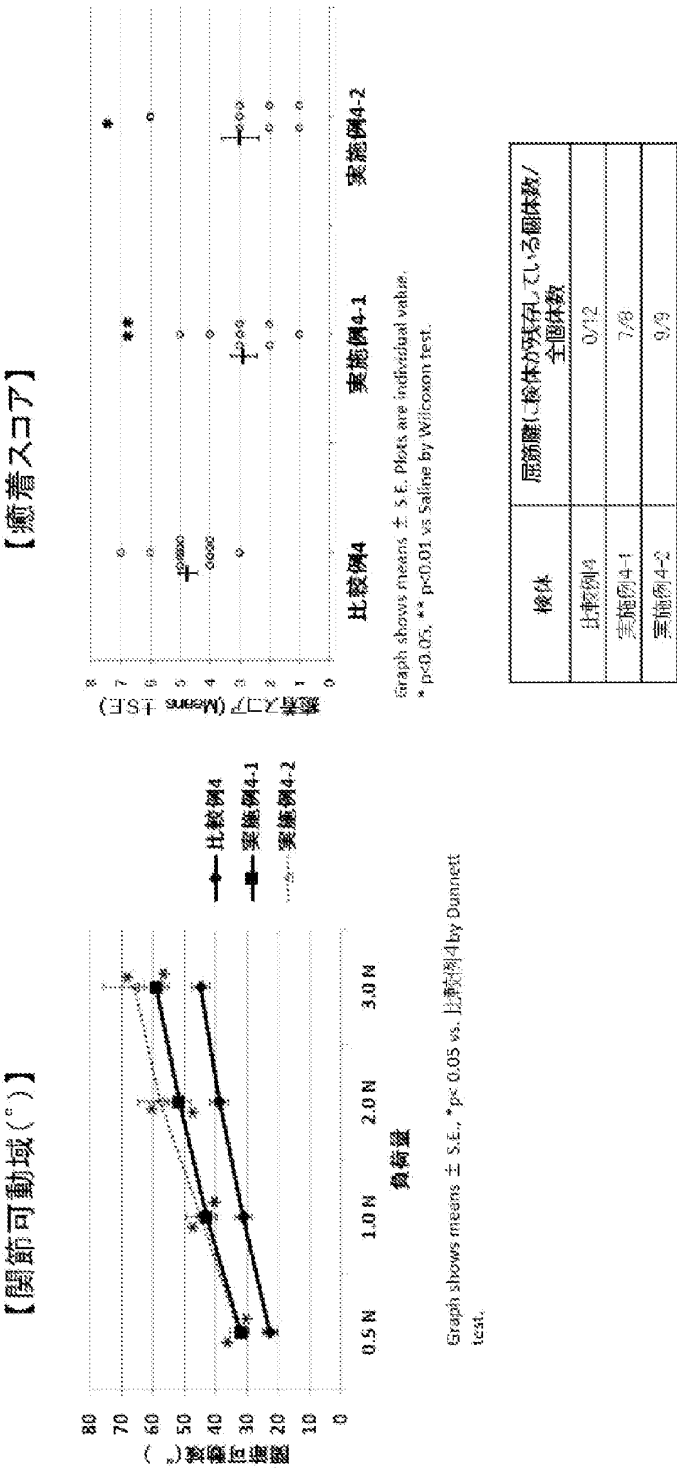
Graph shows means $\pm$ S.E. Plots are individual value. **: $p < 0.01$, vs 比較例2, Wilcoxon test

[図4]



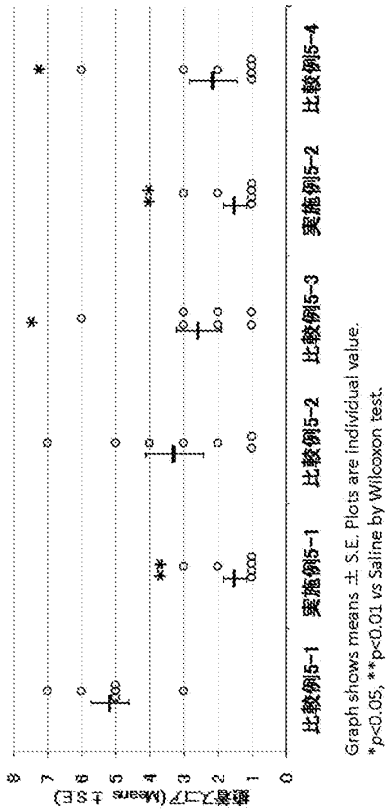
検体	屈筋腱に検体が残存している個体数/全個体数
比較例3	0/7
実施例3-1	1/8
実施例3-2	0/7

【図5】



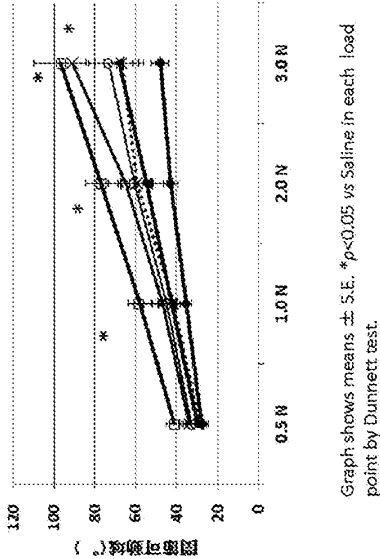
【図6】

【癒着スコア】

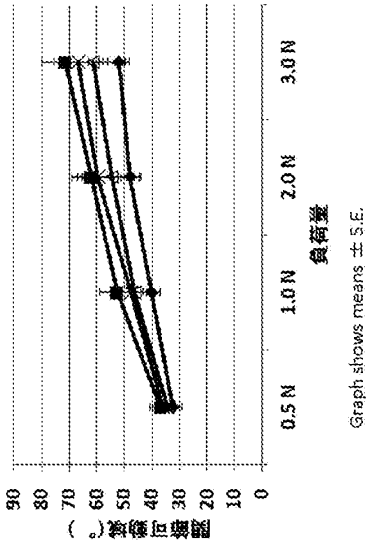


検体	屈筋腱に検体が残存している個体数/ 全個体数
比較例5-1	0/6
実施例5-1	6/6
比較例5-2	7/7
比較例5-3	6/7
実施例5-2	6/6
比較例5-4	7/7

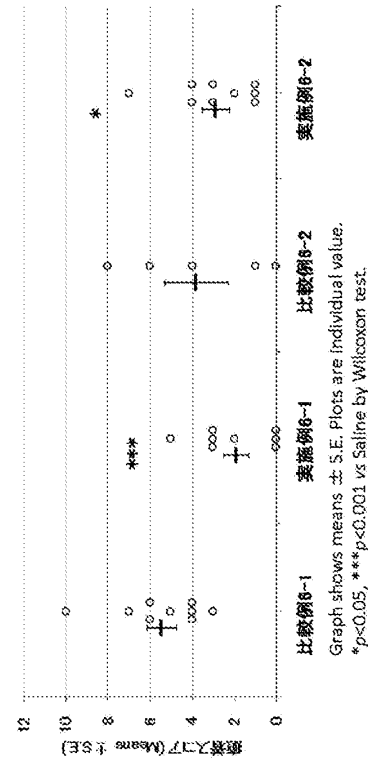
【関節可動域(°)】



【関節可動域(°)】

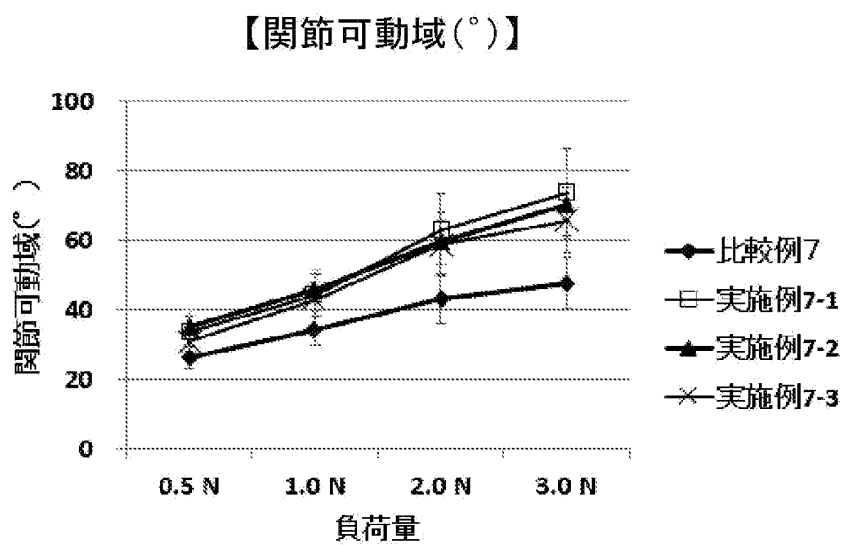


【癒着スコア】



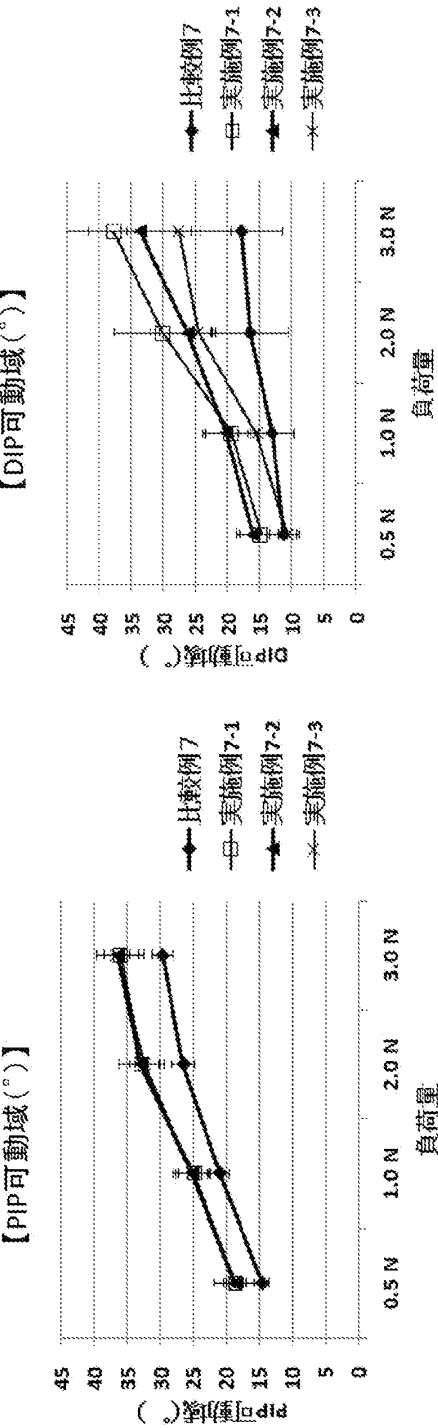
検体	屈筋腱に検体が残存している個体数/全個体数
比較例6-1	0/9
実施例6-1	9/9
比較例6-2	4/8
実施例6-2	7/9

[図8]



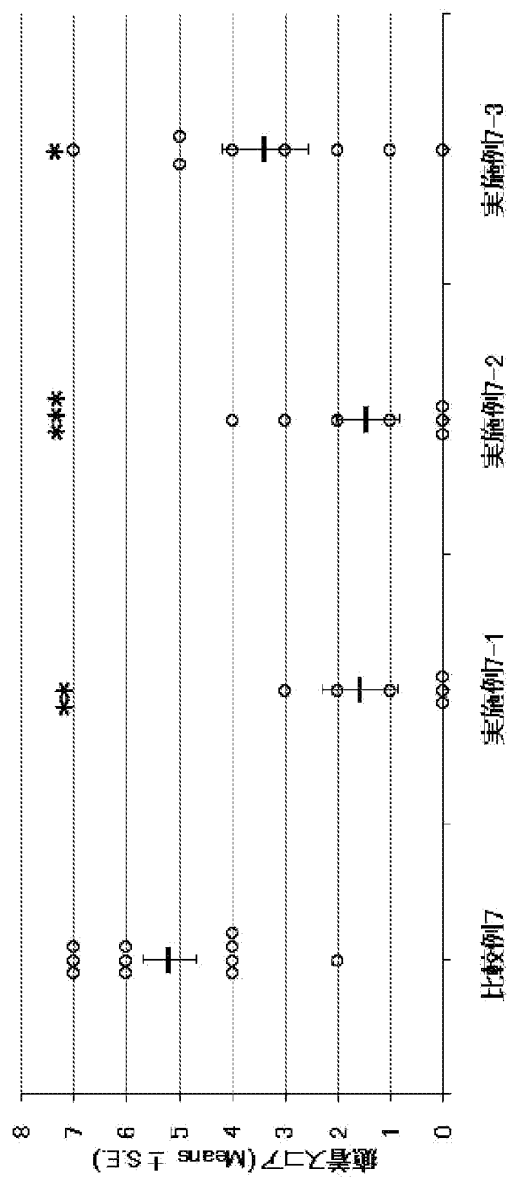
Graph shows means $\pm$ S.E.

【図9】



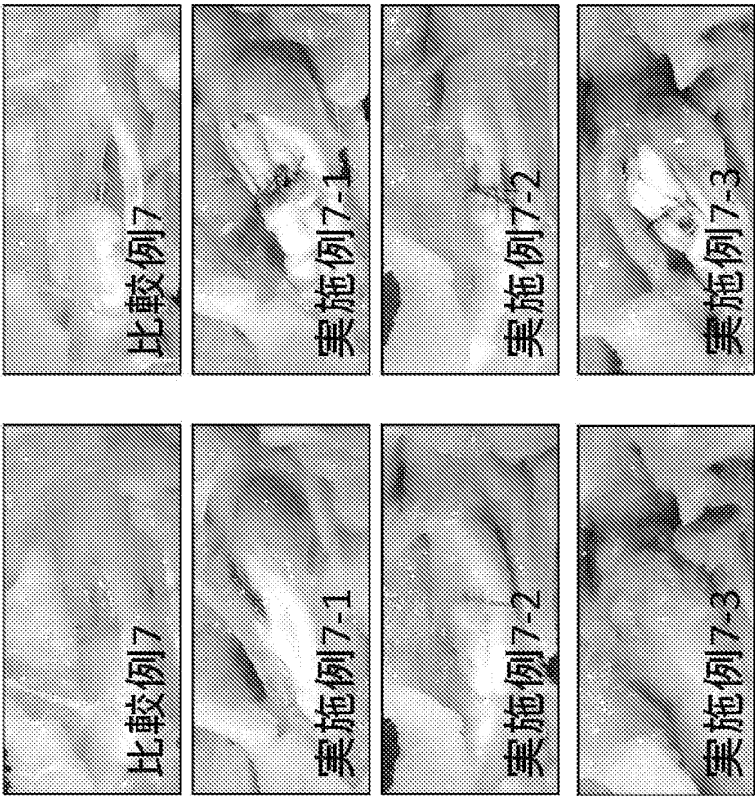
Graph shows means $\pm$ S.E.

[図10]



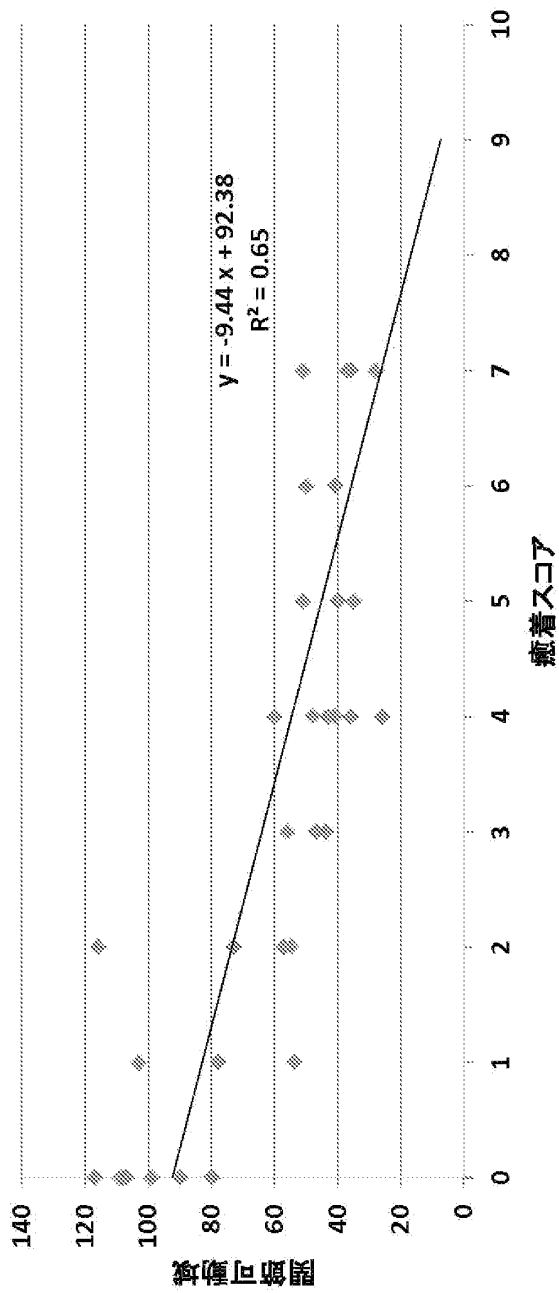
Graph shows means $\pm$ S.E. Plots are individual value. * $p<0.05$, ** $p<0.01$, *** $p<0.001$ vs Saline by Wilcoxon test.

[図11]

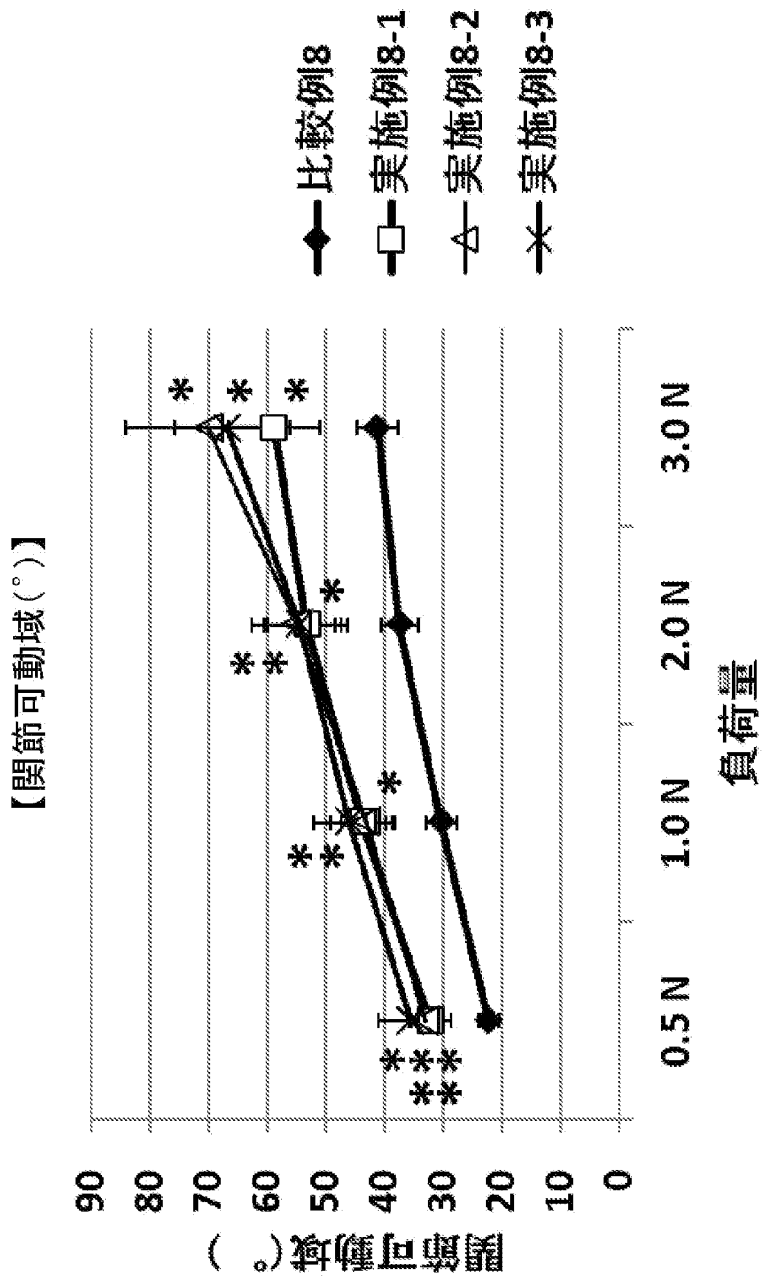


検体	残存個体数/全個体数
比較例7	0/11
実施例7-1	7/7
実施例7-2	7/8
実施例7-3	8/8

[図12]

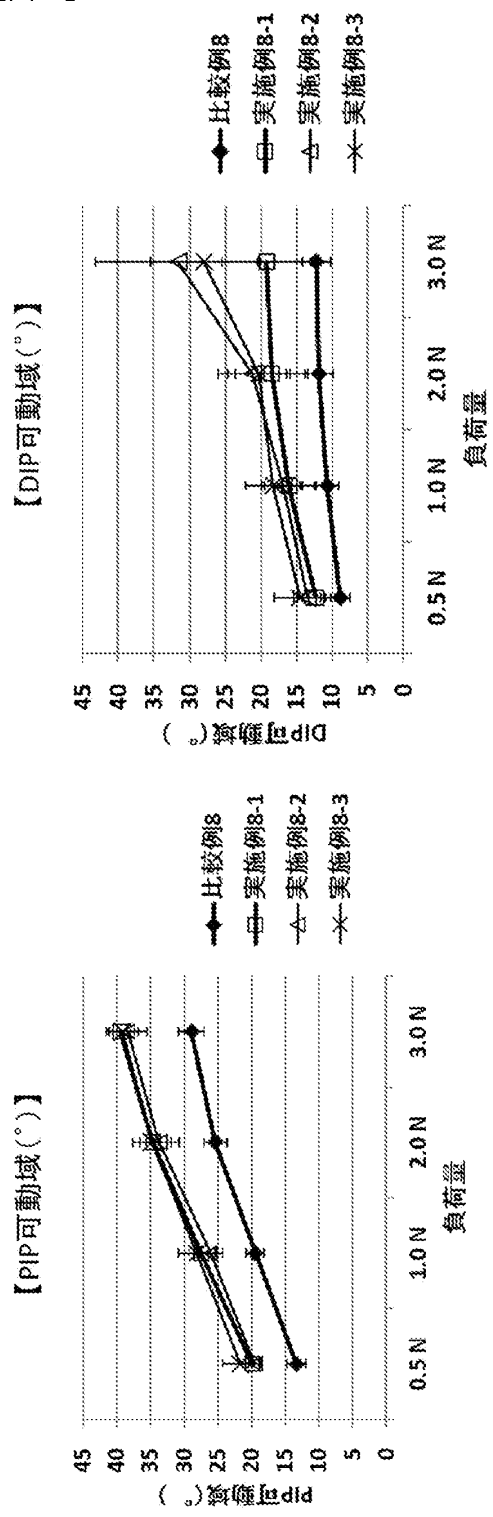


[図13]

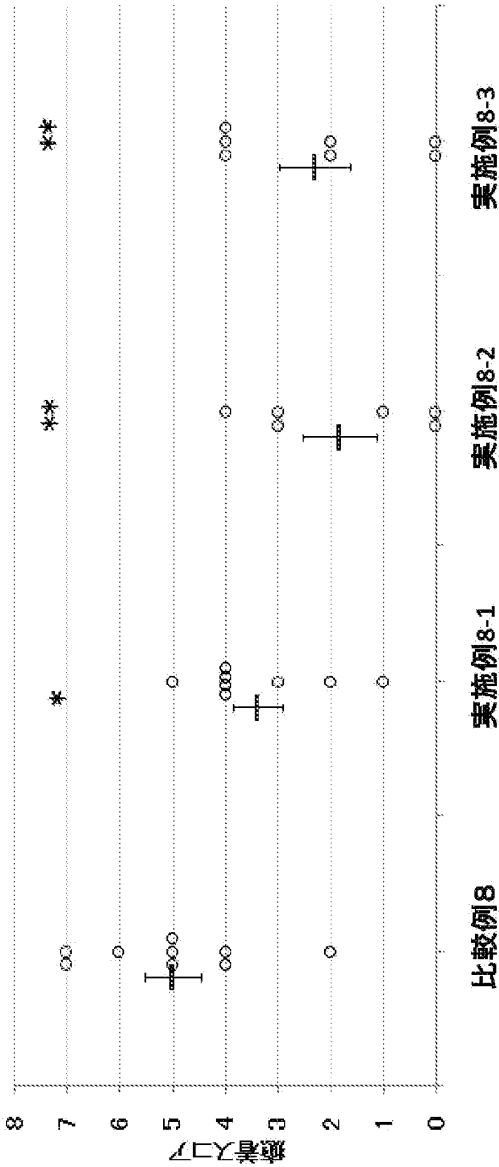


* $p<0.05$, ** $p<0.01$ vs Saline by Wilcoxon test.

[図14]

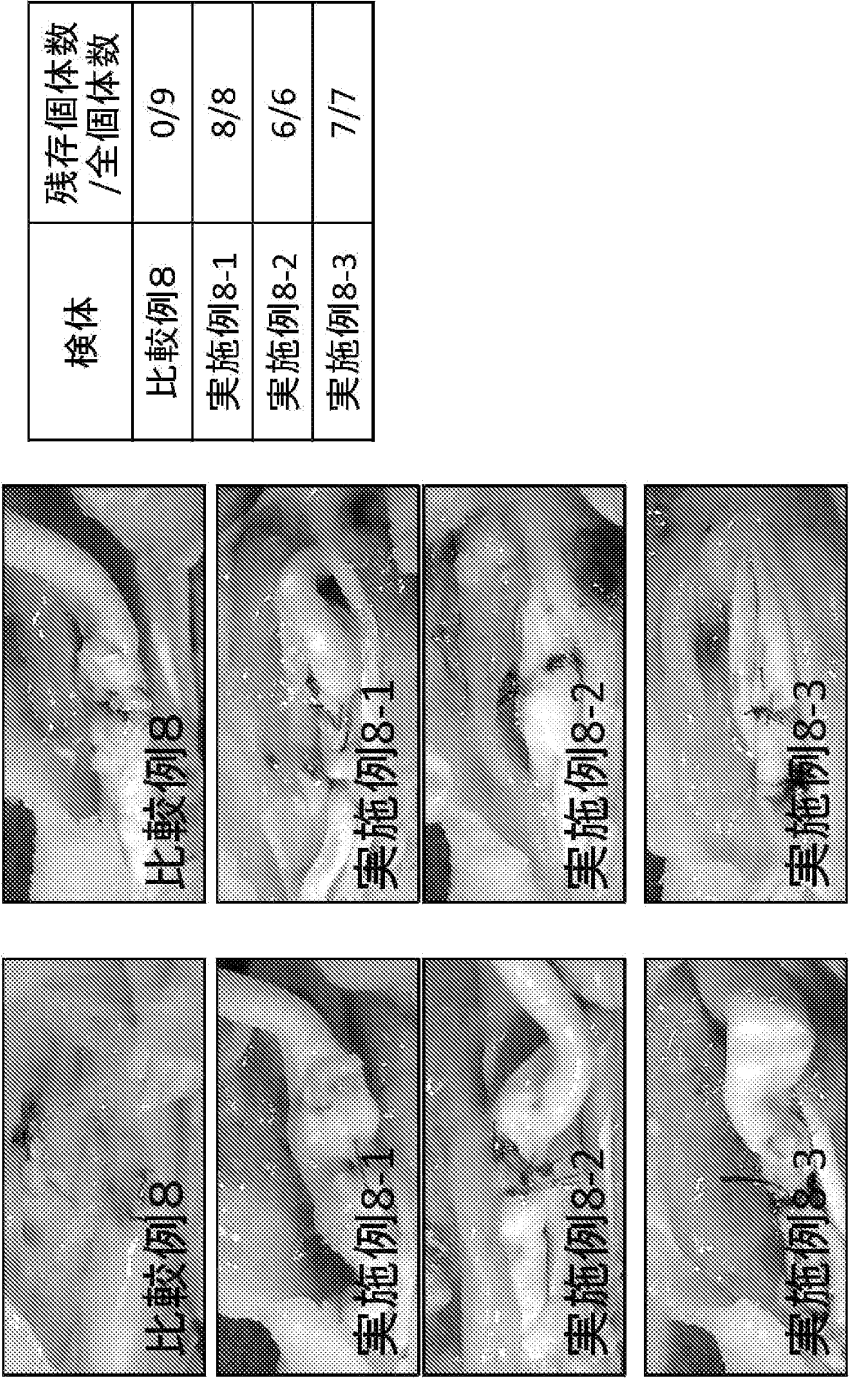


[図15]

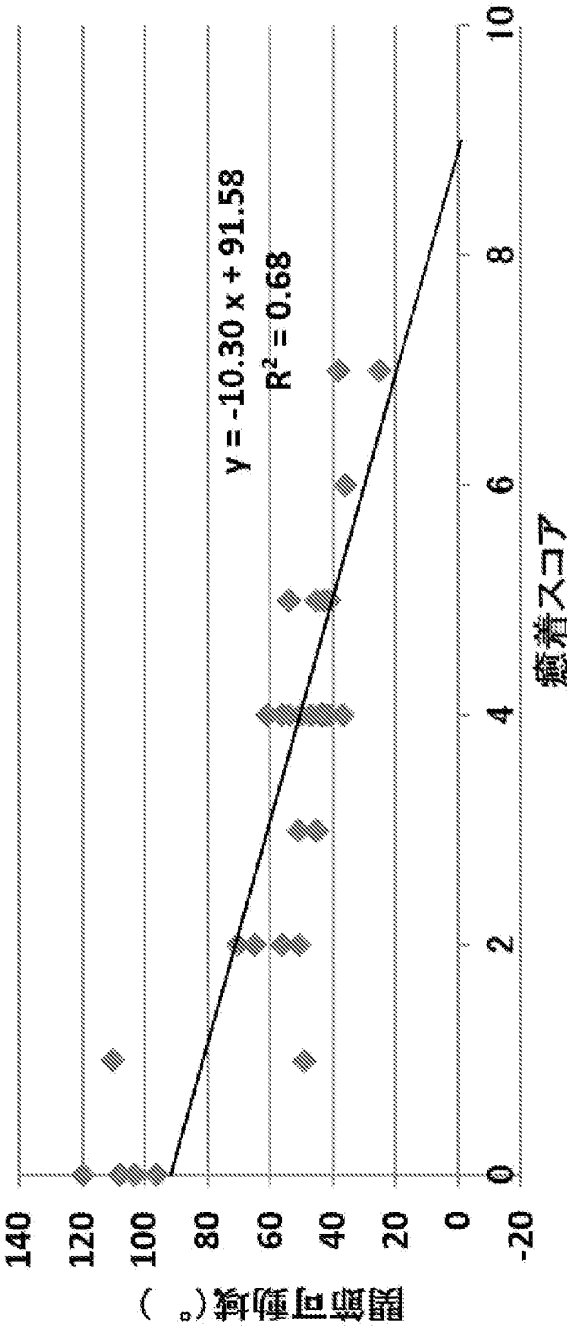


Graph shows means $\pm$ S.E. Plots are individual value. * $p<0.05$, ** $p<0.01$ vs Saline by Wilcoxon test.

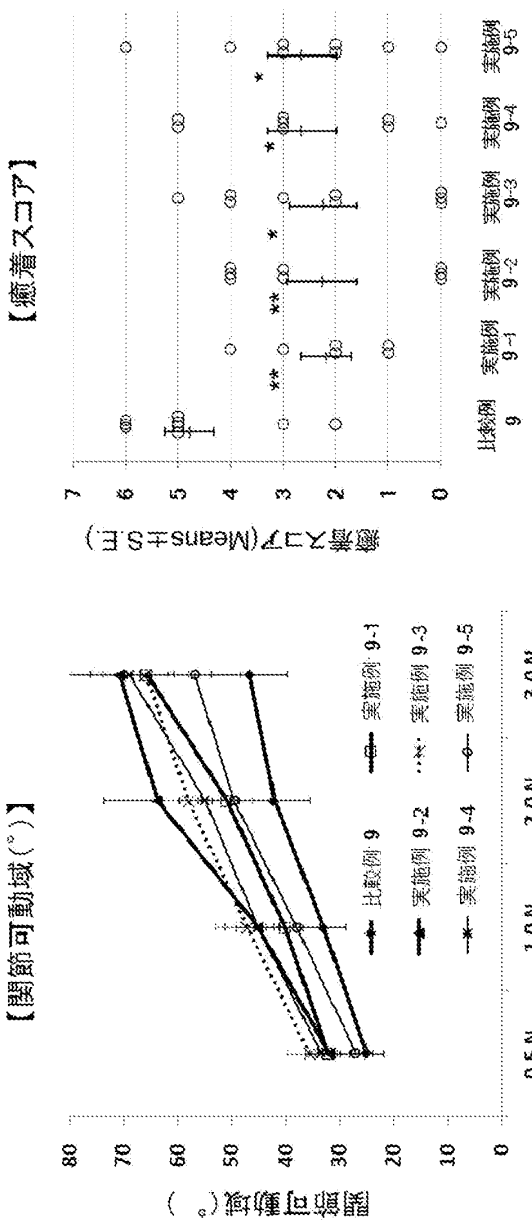
[図16]



[図17]



【図18】

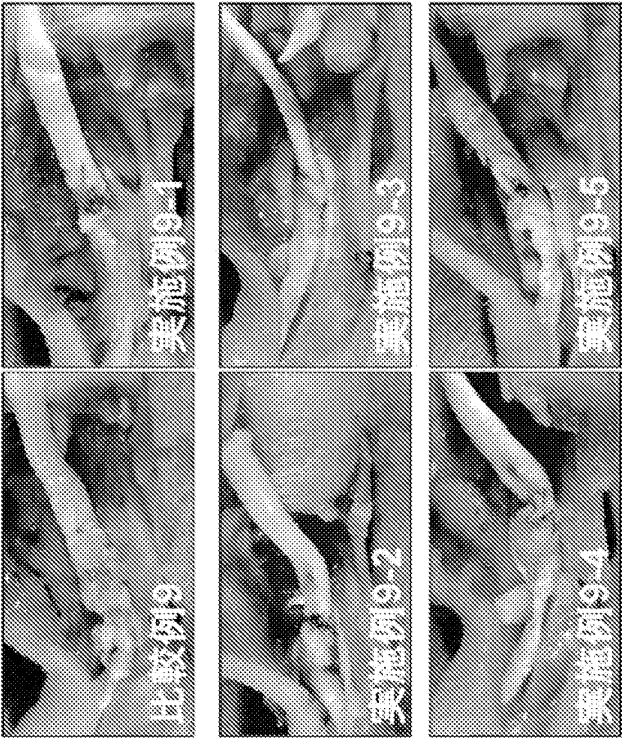


Graph shows means $\pm$ S.E. Plots are individual value.
* $p<0.05$, ** $p<0.01$, vs Saline by Wilcoxon test.

負荷量

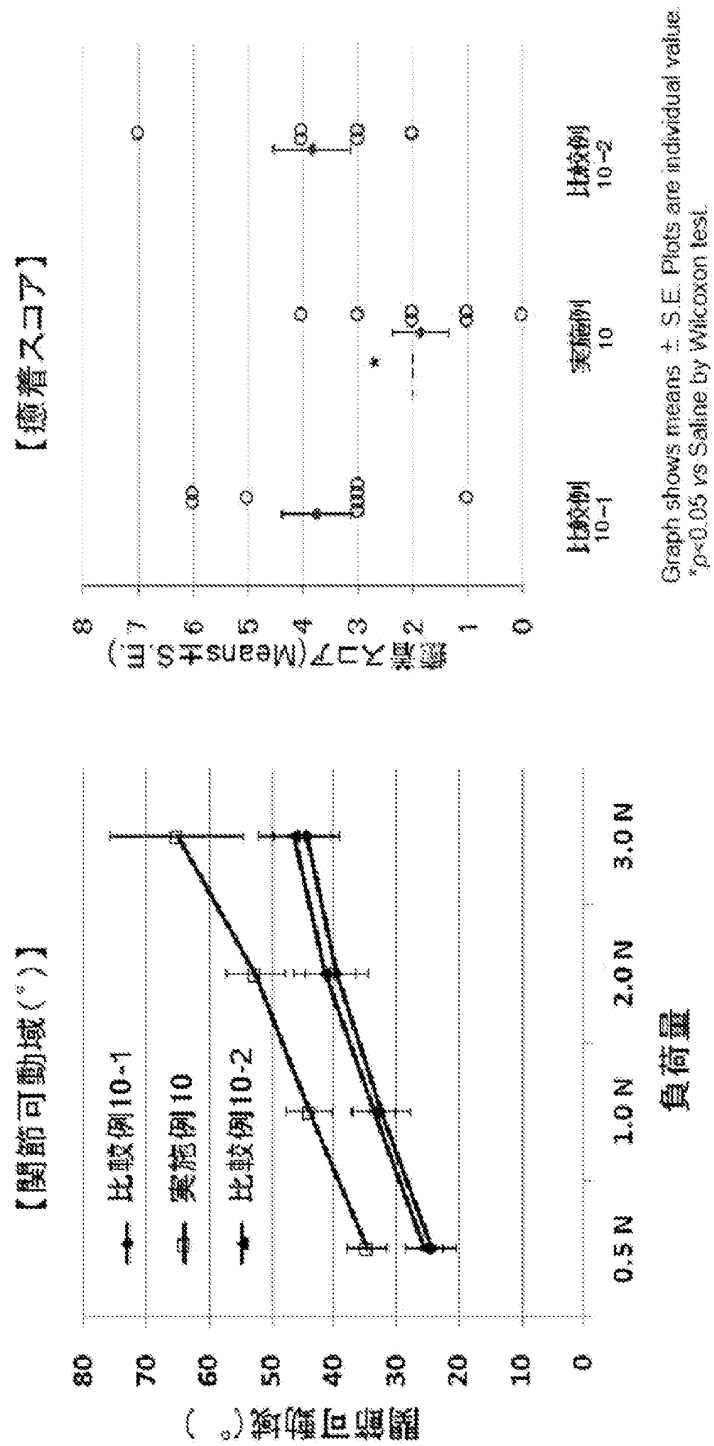
Graph shows means $\pm$ S.E.

[図19]



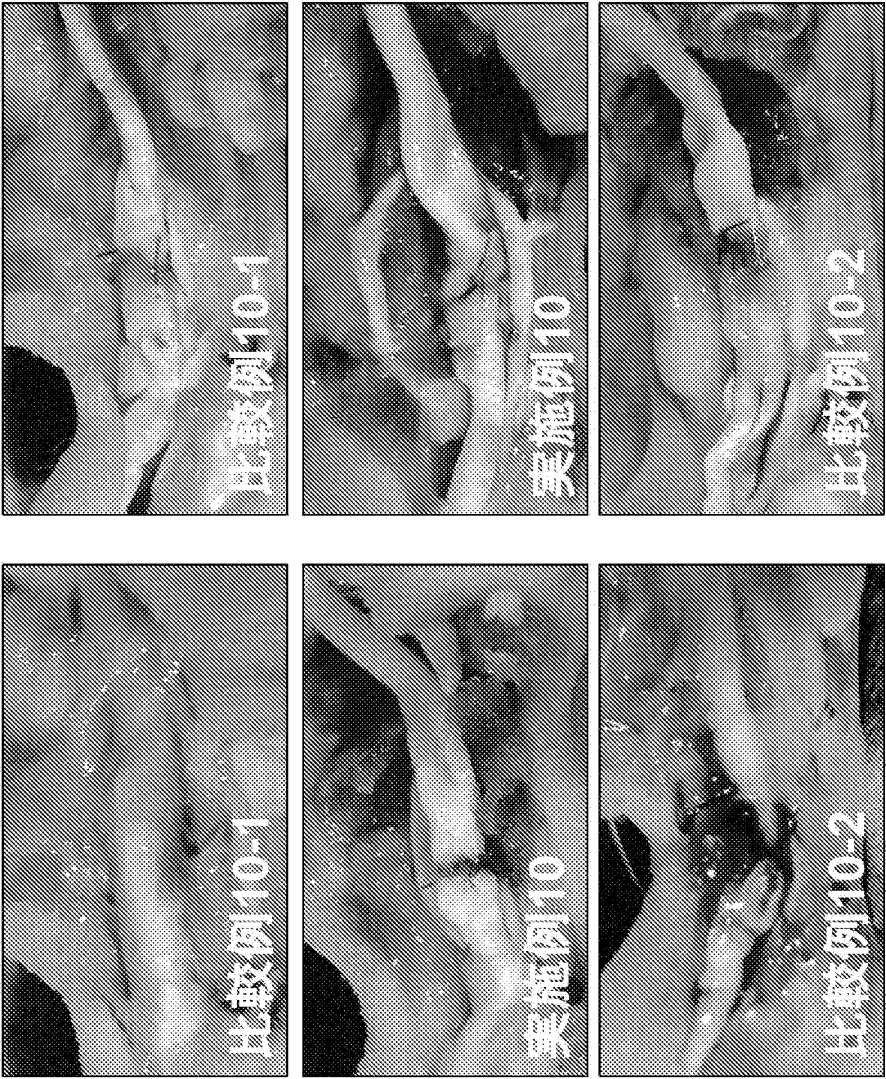
検体	屈筋腱に検体が残存している個体数/全個体数
比較例9	0/9
実施例9-1	4/6
実施例9-2	7/8
実施例9-3	8/9
実施例9-4	8/8
実施例9-5	7/8

【図20】



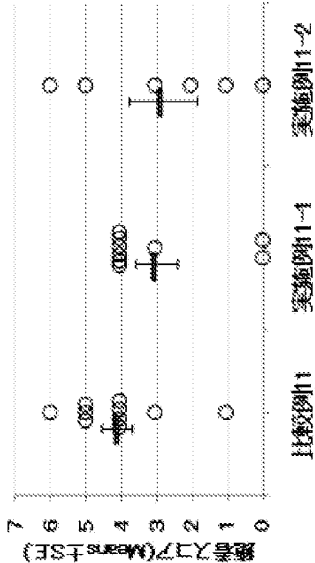
[図21]

検体	屈筋腱に検体が残存している個体数/全個体数
比較例10-1	0/9
実施例10	6/7
比較例10-2	4/6



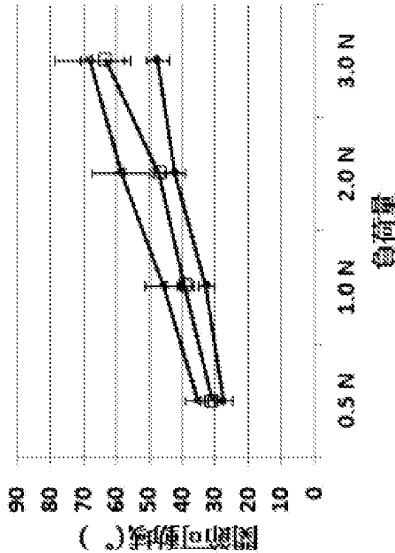
【図22】

【癒着スコア】



Graph shows means $\pm$ S.E. Plots are individual value.
#p<0.10 vs Saline by Wilcoxon test.

【関節可動域(°)】



Graph shows means $\pm$ S.E.

[図23]

検体	屈筋腱に検体が残存している個体数/ 全個体数
比較例11	0/10
実施例11-1	9/9
実施例11-2	6/6

