MICROCAPSULE INCLUDING PEPTIDE HAVING CELL RECEPTOR BINDING AFFINITY AND COSMETIC COMPOSITION CONTAINING SAME

Drawings

Fig.1a

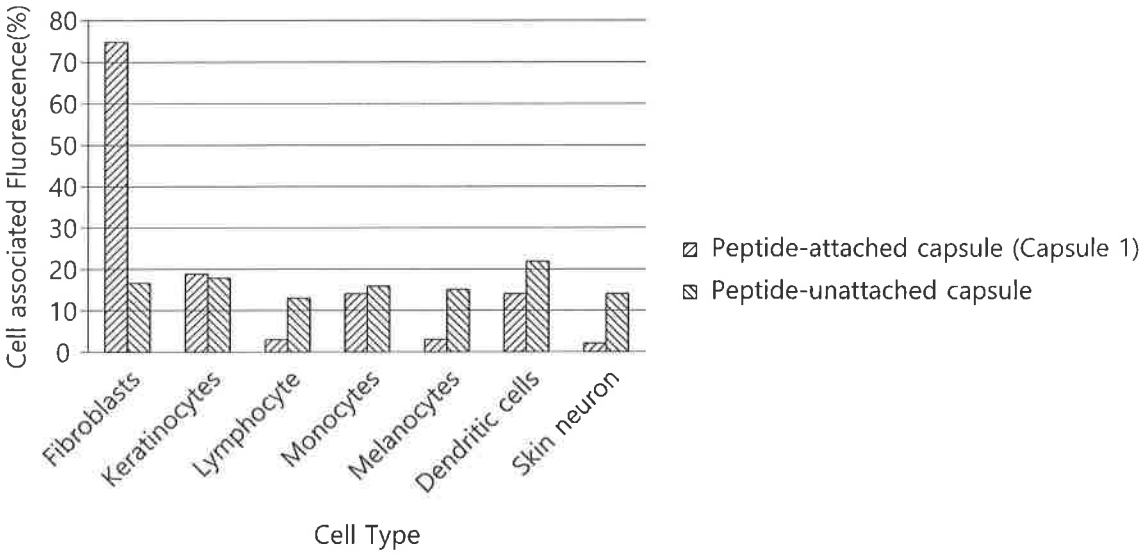


Fig.1b

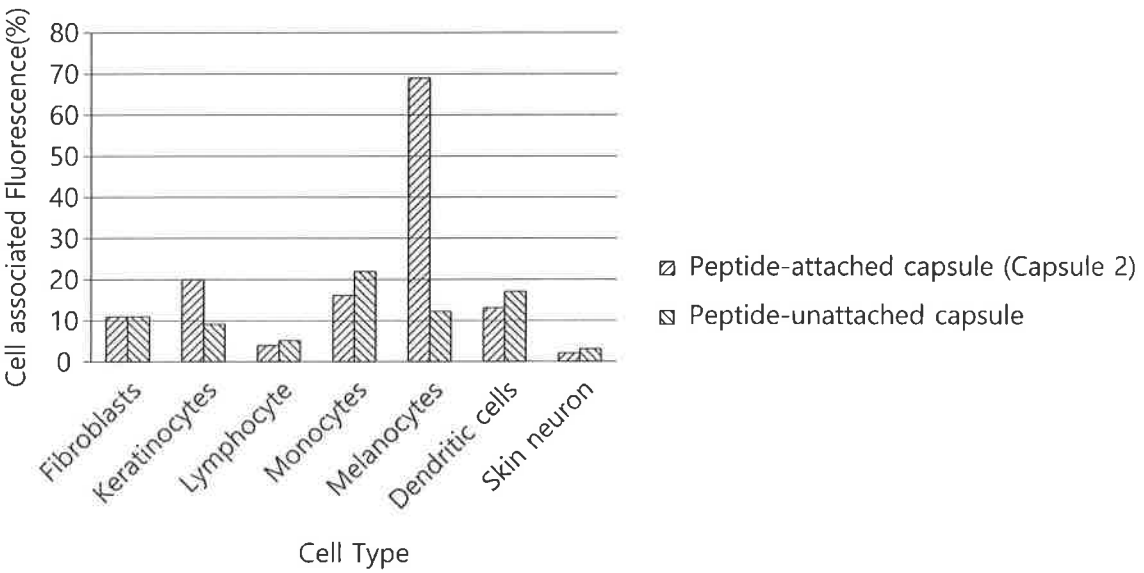


Fig.1c

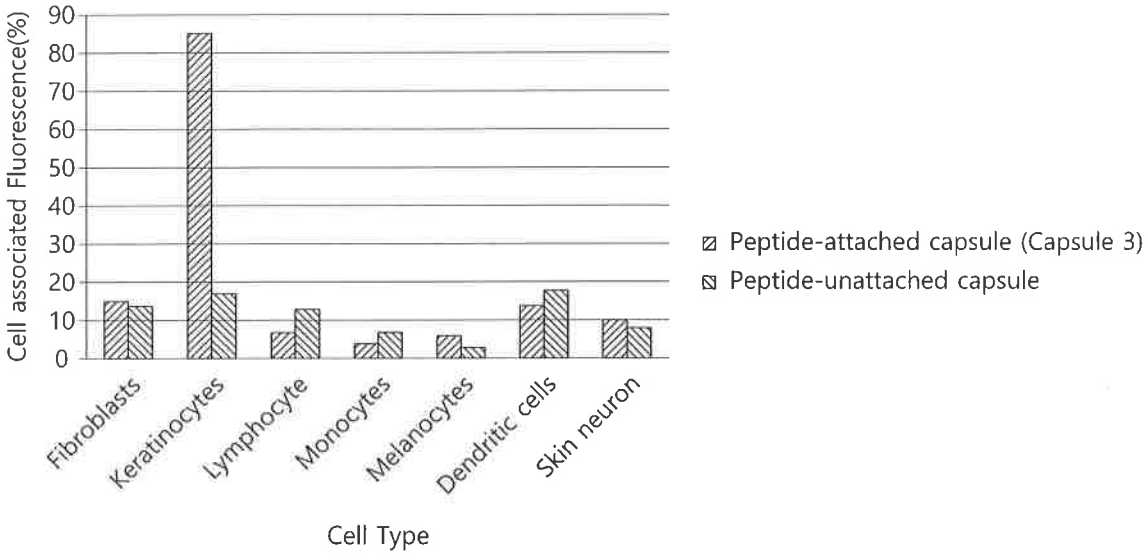
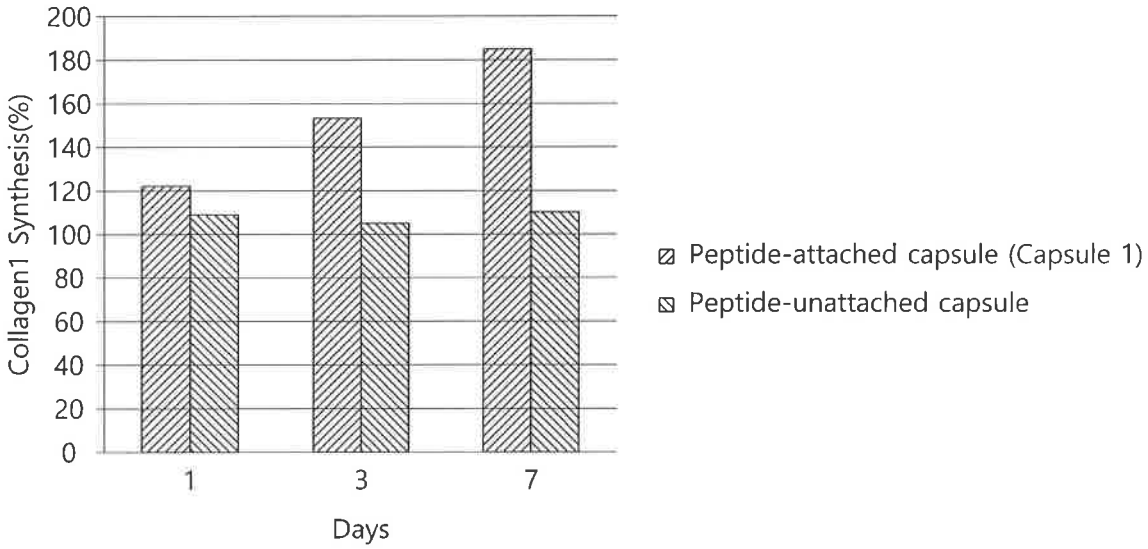


Fig.2a



5

Fig.2b

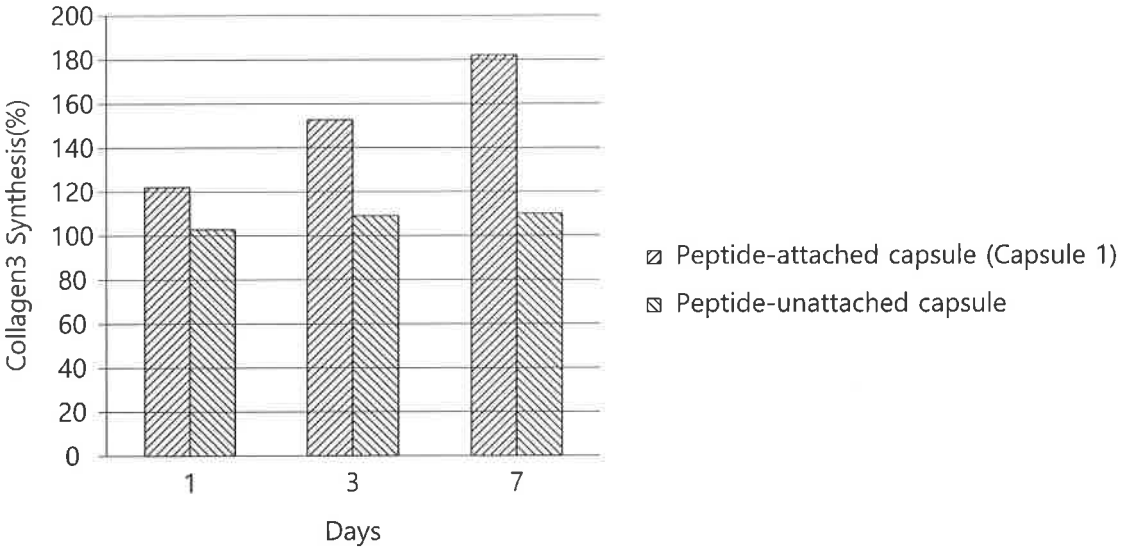

200
180
160
140
120
100
80
60
40
20
0
Collagen3 Synthesis(%)
1
3
7
Days
Peptide-attached capsule (Capsule 1)
Peptide-unattached capsule

Fig.2c

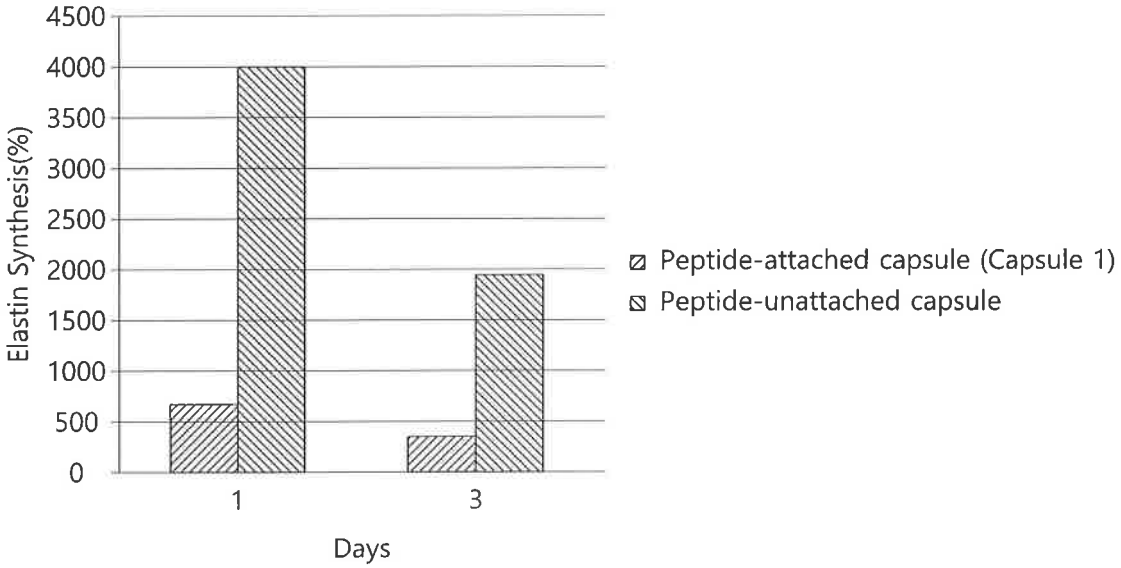

4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elastin Synthesis(%)
1
3
Days
Peptide-attached capsule (Capsule 1)
Peptide-unattached capsule

Fig.3

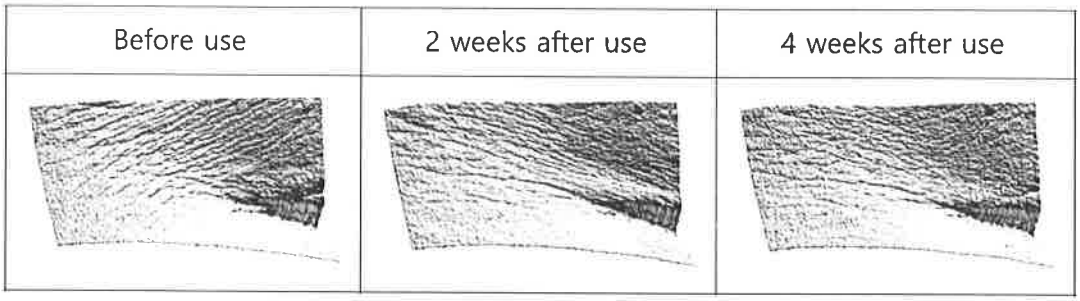

Before use
2 weeks after use
4 weeks after use

Fig.4a

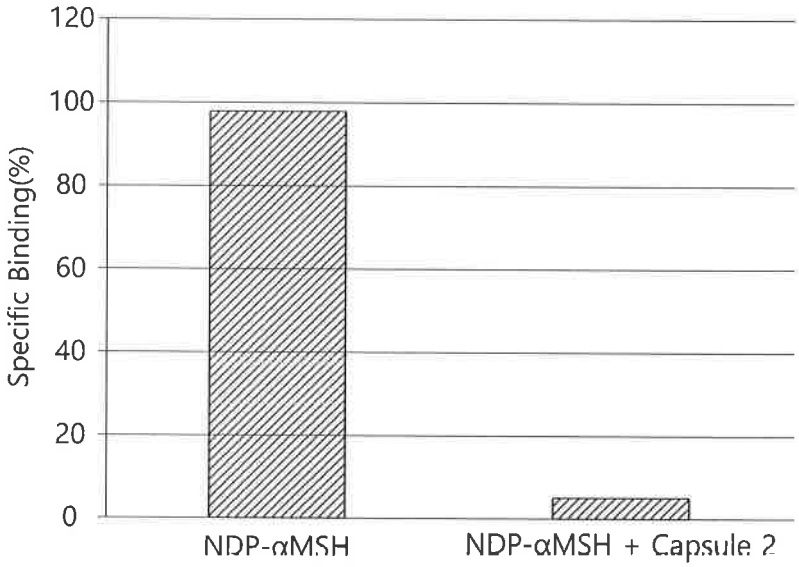

120
100
80
60
40
20
0
Specific Binding(%)
NDP-αMSH
NDP-αMSH + Capsule 2

Fig.4b

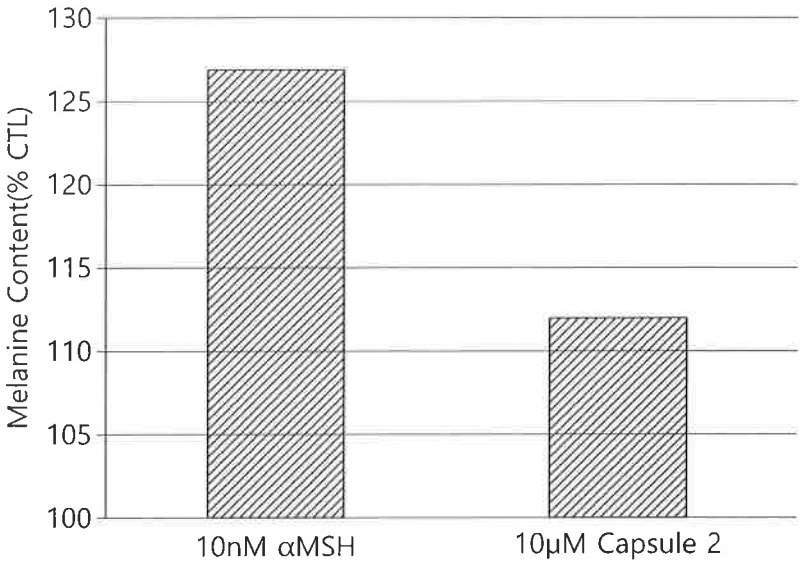

130
125
120
115
110
105
100
Melanine Content(% CTL)
10nM αMSH
10μM Capsule 2

Fig.5


Before use
2 weeks after use
4 weeks after use

Fig.6a

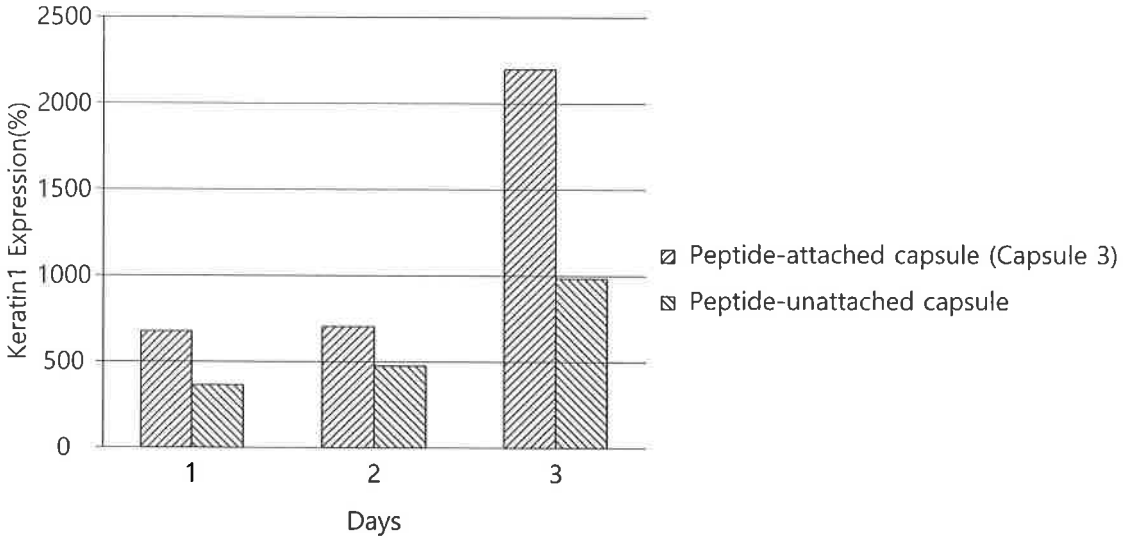

2500
2000
1500
1000
500
0
Keratin1 Expression(%)
1
2
3
Days
Peptide-attached capsule (Capsule 3)
Peptide-unattached capsule

Fig.6b

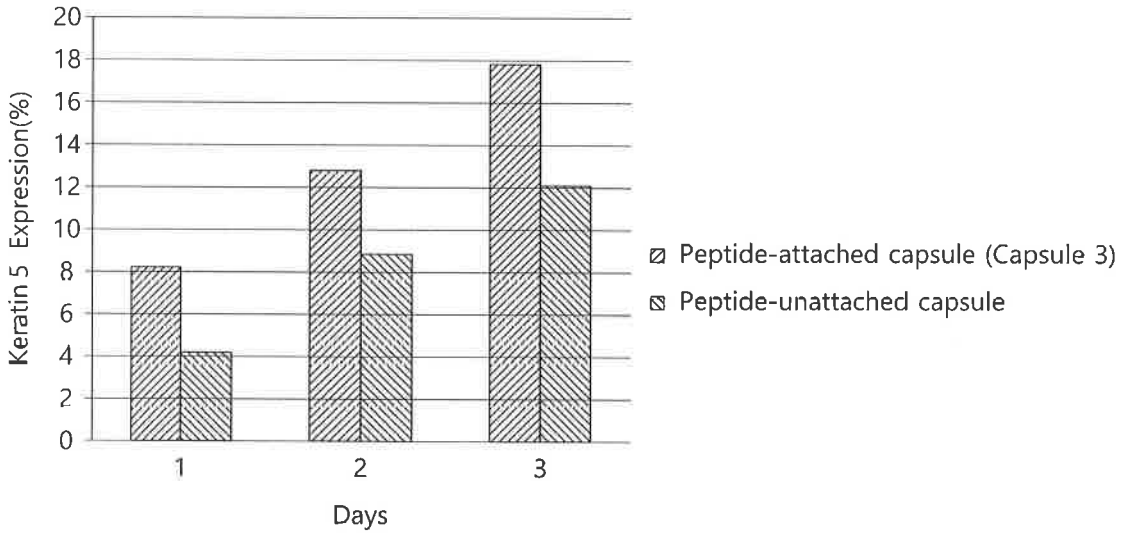

20
18
16
14
12
10
8
6
4
2
0
Keratin 5 Expression(%)
1
2
3
Days
Peptide-attached capsule (Capsule 3)
Peptide-unattached capsule

Fig.6c

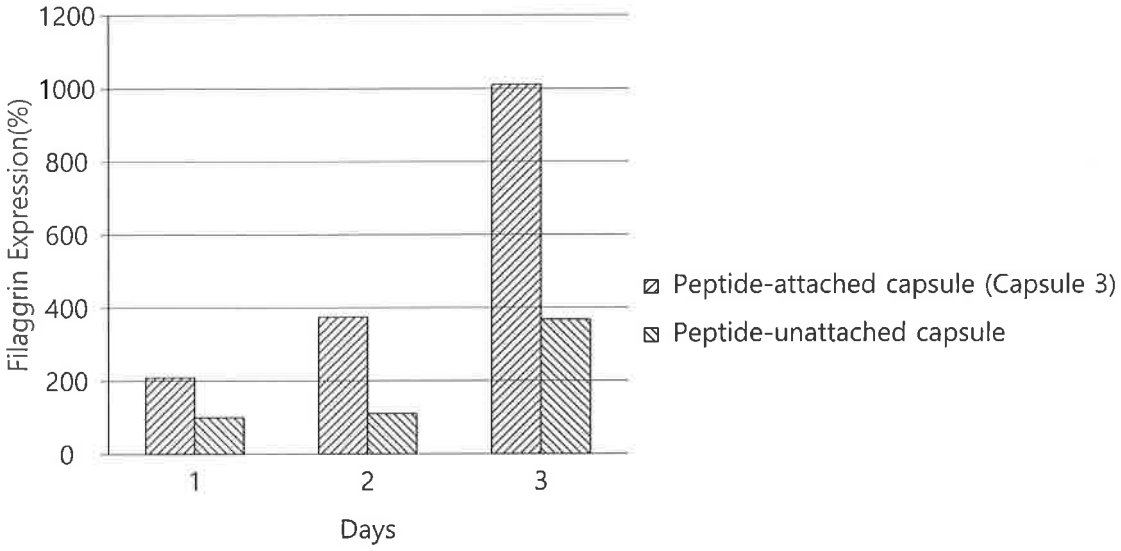
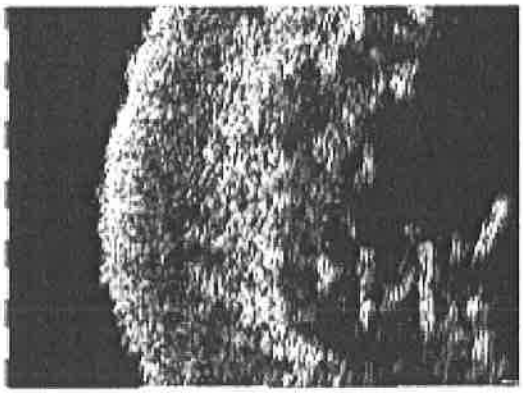
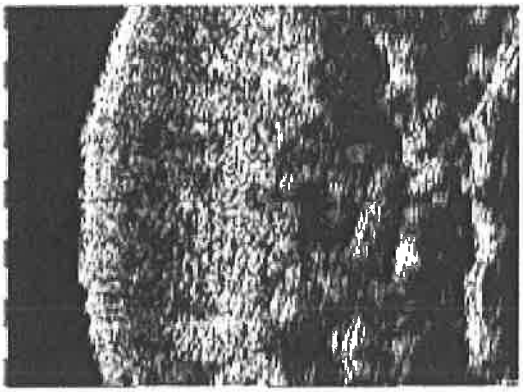


Fig.7



Before use



2 weeks after use

Fig.8

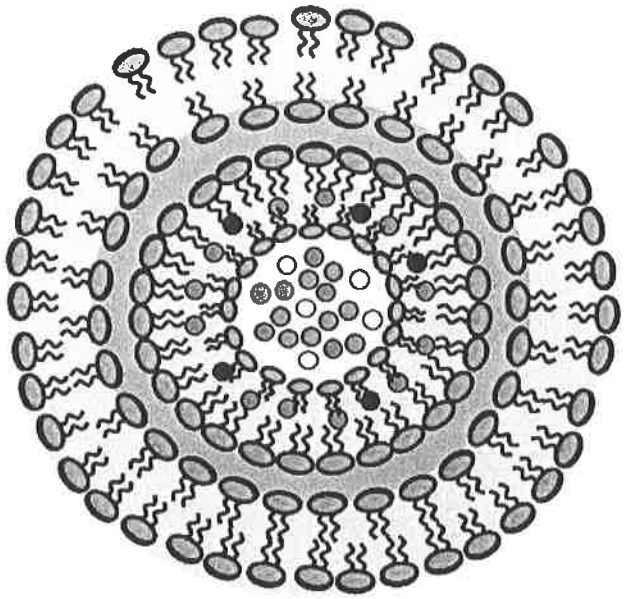


Fig.9

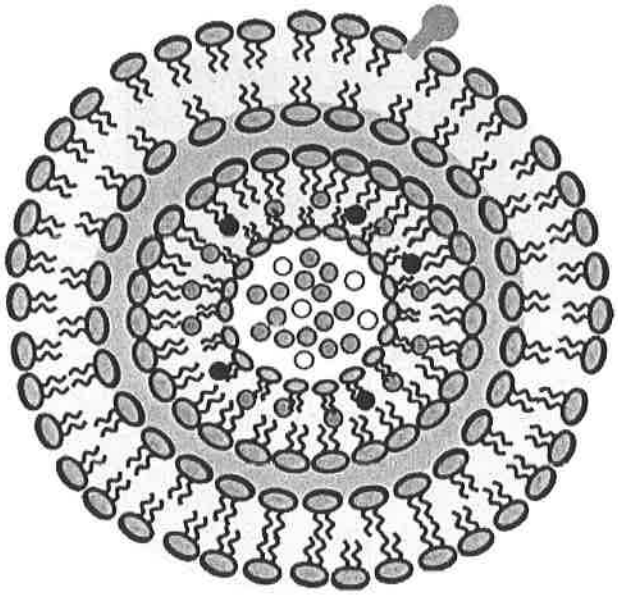


Fig.10

