

**A Case of Recurrent Spontaneous Abortion
Associated with Antiphospholipid Syndrome**

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Abstract

Antiphospholipid antibody is an immunoglobulin which may be of any class and which reacts with any phospholipid. For clinical use the definition of the term anti phospholipid antibody is usually restricted to IgG and / or IgM antibody directed against the negatively charged phospholipids, cardiolipin, phosphatidyl inositol, phosphatidyl serine, or phosphatidic acid. The antigen of the serological test for syphilis is cardiolipin ; negatively charged phospholipids are understood to be antigens to which lupus anticoagulants are directed. The term 'anticardiolipin' antibody syndrome, 'antiphospholipid' antibody syndrome, and 'lupus anticoagulant' syndrome are often, imprecisely, used interchangeably. We have experienced a case of recurrent spontaneous abortion with antiphospholipid antibody. So we report this case with a brief review of literatures.

Key Words : Recurrent spontaneous abortion, Antiphospholipid

syndrome

anticoagulant anticardiolipin lupus
가

cardiolipin
(systemic lupus erythematosus) 가
1/3 가

" "

(preeclampsia)
prostacyclin,
C / S 가

Anticardiolipin cardiolipin
cardiolipin - 2 glycoprotein I
lupus anticoagulant prothrombin
가

C S

/ 가

aspirin heparin

14
80 /
162cm 60kg, 120 / 80 mmHg, 36.5C,
가

가
estradiol : < 13 pg/mL, FSH : 3.8 mIU/mL, LH :
1.1 mIU/mL, prolactin : 10.5 ng/mL, TSH : 1.30 U/mL,
G : , M : ,
: 96 ng/dl, PT : 10.9 sec, PTT : 27.1 sec,
3 : 136 ng/dl, 4 : 33.9 ng/dl,
G : , :
DNA G : , DNA :

aspirin
heparin 5,000 8
2 heparin
aspirin (ductus
arteriosus)
aspirin heparin
37 4 3250 g

가

가 (isotype)

가 (Harris, 1986 ; Charavi et al., 1987).
가 G M 가
가 A, D, E
가 30 50%
lupus anticoagulant 10%

Lupus anticoagulant가 anticardiolipin
(Boet et al., 1983). Anticardiolipin 가
가 (Sturfelt et al., 1987).
가
(Morton, 1986).

(thrombocytopenia)
75 150,000
(livedo reticularis)
Sneddon (Levin et al., 1988).
가
(Ingram et al., 1987).

10 가 prednisone
aspirin
15
가

가 가
(Druzin et al., 1981).

(bradycardia)

가

가

가

aspirin

anticardiolipin 가

lupus anticoagulant

가

anticardiolipin

가

anticardiolipin

㉒

G4 (Einhorn et al., 1987).

가

prostacyclin

(Carreras et al., 1981). Prostacyclin

가

가

가

C S, thrombomodulin,

가

(Pengo et al., 1987). Phosphatidyl inositol phosphatidyl glycerol

가

가

가

50% prednisone 40
 ng (Lubbe et al.,
 1983 ; Branch et al., 1985).
 Cushing , , 60 mg
 prednisone
 (Lockshin et al., 1989). aspirin 80 mg
 aspirin
 (Beaufils et al., 1985 ; Willenberg et al.,
 1986). Heparin 10,000 15,000
 (Rosove, 1987). Heparin
 heparin 가
 Dipyrindamole

G

1 aspirin heparin

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