



FOR ACCEPTANCE THAT MATTERS

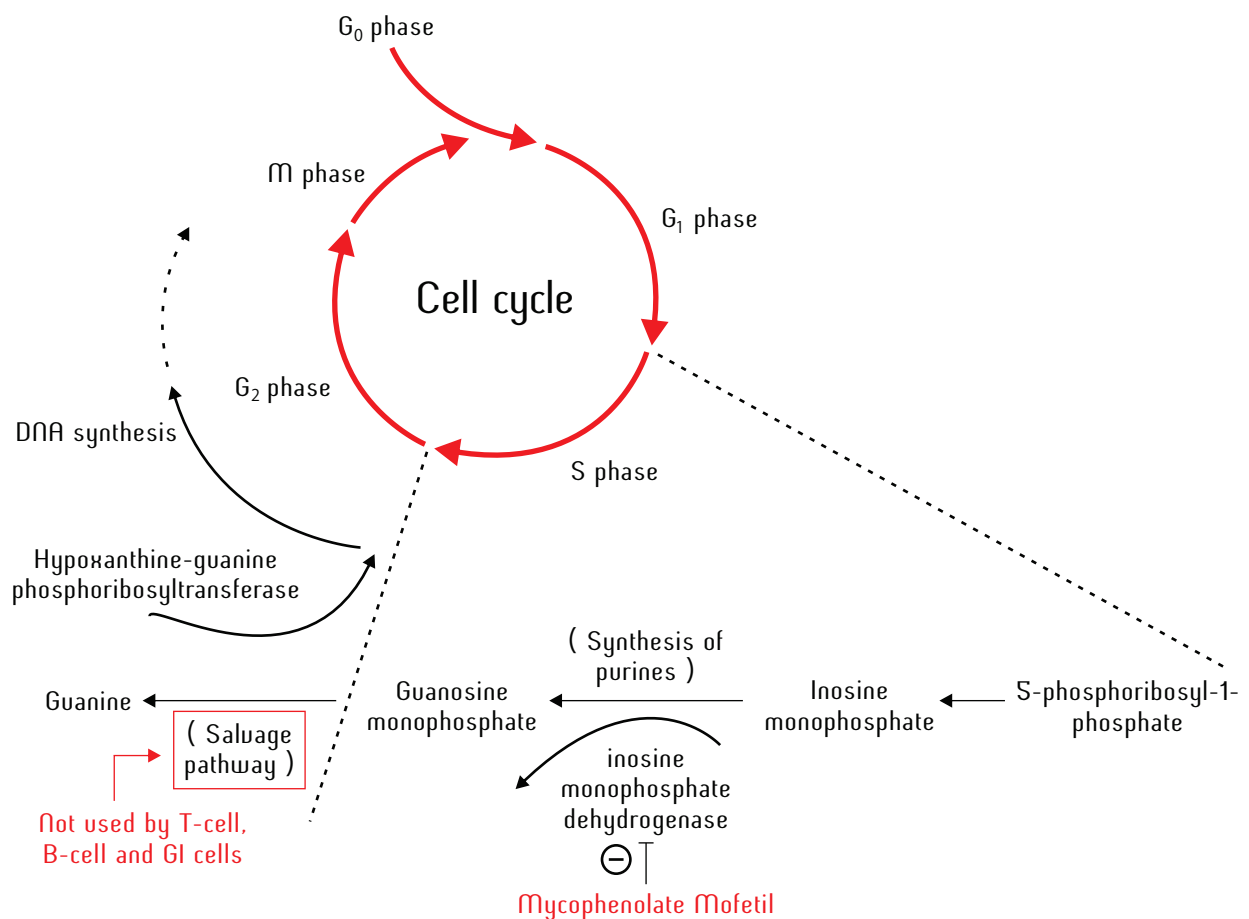
La Renon

**Immutil**  
mycophenolate mofetil  
tablet 500 mg

**Immutil-S**  
mycophenolate sodium tablet  
180 mg & 360 mg

## MYCOPHENOLATE MOFETIL- AN IMMUNOSUPPRESSANT

- A Prodrug of mycophenolic acid (MPA), Which reversibly inhibits types I and II inosine monophosphate dehydrogenase activity during DNA synthesis in the S phase of the cell cycle.
- During T-cell activation, the activity of both types I and II inosine monophosphate dehydrogenase enzymes increases by tenfold.
- Depletes Guanosine nucleotides preferentially in T and B lymphocytes and inhibits their proliferation, thereby suppressing cell-mediated immune responses and antibody formation.



## ADVANTAGES OF MYCOPHENOLATE OVER CALCINEURIN INHIBITORS

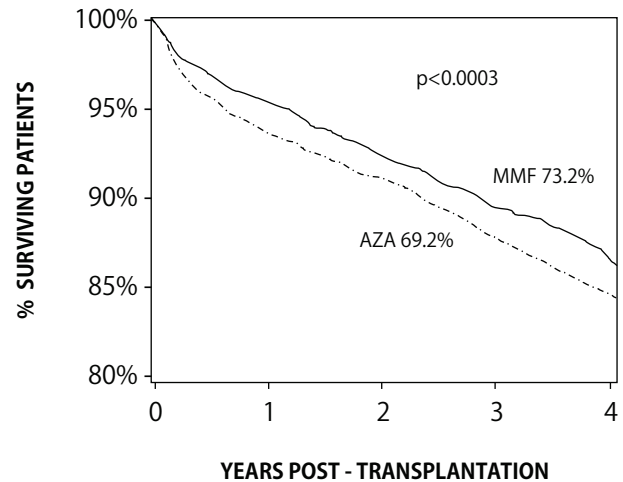
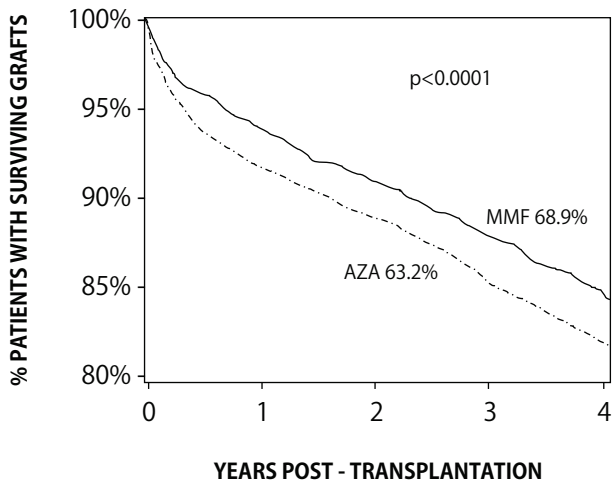
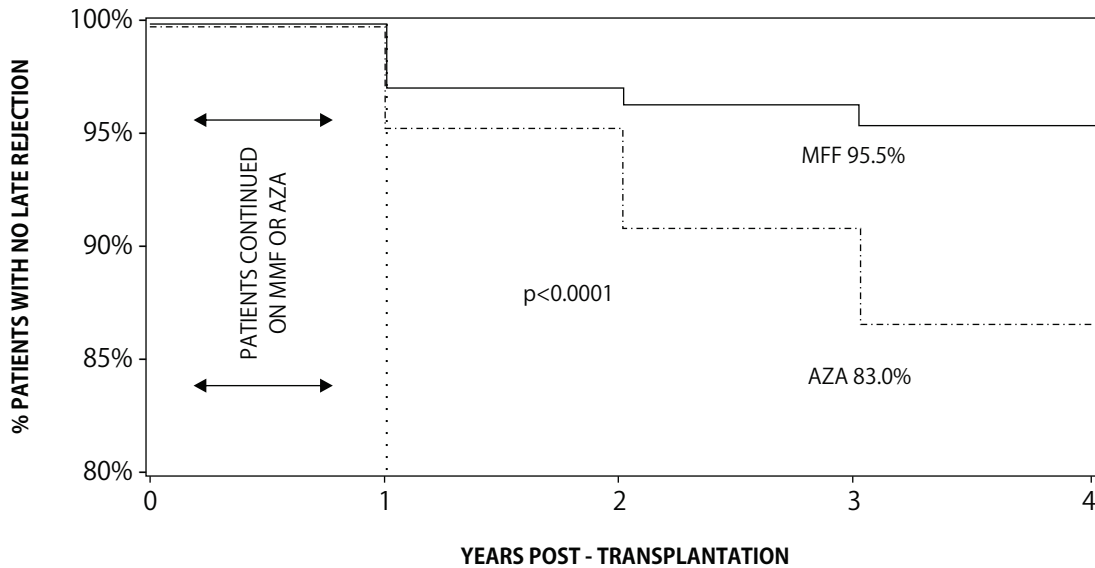
- Mycophenolate Mofetil is not Nephrotoxic.
- Mycophenolate Mofetil does not induce the production of TGF- $\beta$  (Transforming Growth Factor beta) which is fibrogenic.
- MMF does not increase blood pressure, cholesterol levels or triglyceride levels in recipients.

## CLINICAL EVIDENCE

### Mycophenolate Mofetil vs Azathioprine in a large population of Elderly Renal Transplant Patient

## METHOD

5069 Elderly primary renal allograft recipients treated with either Mycophenolate Mofetil or Azathioprine and compared the rates of early and late acute rejection, Graft survival & Patient survival.



## CONCLUSION

In Elderly Renal Transplant recipients, Mycophenolate Mofetil is associated with lower early & late acute rejection rates compared to Azathioprine & the benefits of Mycophenolate Mofetil based immune suppression in elderly renal transplant patients occur without compromising patient survival.

# Immutil

mycophenolate mofetil tablet 500 mg

# Immutil-S

mycophenolate sodium tablet 180 mg & 360 mg

## DESCRIPTION

Mycophenolic acid the prodrug mycophenolate mofetil ( MMF ) to improve oral bioavailability. Both the immunosuppressant drugs used to prevent rejection in organ transplantation. It inhibits an enzyme needed for the growth of T cells and B cells. Thus decreasing the immune system to help reduce the risk of organ transplant rejection.

## INDICATION

IMMUTIL™ ( Mycophenolate mofetil ) & IMMUTIL™-S ( Mycophenolate sodium ) is immunosuppressant drug used to prevent rejection in organ transplantation ( renal, cardiac or hepatic transplants ). Both the drugs should be used concomitantly with cyclosporine and corticosteroids.

## MECHANISM OF ACTION

Mycophenolate mofetil is a prodrug of Mycophenolic acid ( or Mycophenolate Sodium ). So both the drugs act in body in same way. It inhibits an enzyme needed for the growth of T cells and B cells an immunosuppressant and used extensively in transplant medicine. Mycophenolate mofetil is rapidly absorbed following oral administration and hydrolyzed to form MPA, which is the active metabolite. MPA is a potent, selective, uncompetitive, and reversible inhibitor of inosine monophosphate dehydrogenase ( IMPDH ). MPA inhibits proliferative responses of T- and B-lymphocytes to both mitogenic and allospecific stimulation.

## DOSAGE

IMMUTIL™ & IMMUTIL™-S are recommended in renal transplanted patients.

Adults : A dose of 1g administered orally twice a day ( daily dose of 2g ) is recommended for use in renal transplant patients.

Pediatrics ( 3 months to 18 years of age ) : Patients with a body surface area of 1.25 m<sup>2</sup> to 1.5 m<sup>2</sup> may be dosed with at a dose of 750 mg twice daily ( 1.5 g daily dose ). Patients with a body surface area > 1.5 m<sup>2</sup> may be dosed with IMMUTIL™ tablets at a dose of 1 g twice daily ( 2 g daily dose ).

## PRESENTATION

IMMUTIL™ & IMMUTIL™-S both are available as strip of 10 tablets of Alu-Alu blister packing.

### La Renon Healthcare Pvt. Ltd.

207 - 208 Iscon Elegance, Circle P, Prahlad Nagar Cross Roads,  
S.G. Highway, Ahmedabad - 380015, Gujarat, India.  
Phone : + 91-79-3046-1000 (30 lines) | Fax : +91-79-3046-1001  
E-mail : info@larenon.com | Web : www.larenon.com

I am: \_\_\_\_\_

Call me on: \_\_\_\_\_

Mail me at: \_\_\_\_\_