

In 8 patients with primary graft non-function following renal transplantation, plasma concentrations of MPA at a constant dose were found to be half after multiple dosing for 20 days. Accumulation of MPA was dose proportional.

The pharmacokinetics of mycophenolate mofetil are altered by hemodialysis. Hemodialysis usually removes approximately 50% of the total concentration of MPA ($\sim 100 \text{ mg/g}$). Hemodialysis removes only small amounts of MPAG.

Hepatic Insufficiency

In a single ($n = 1$) study of 12 volunteers with stable cirrhosis and 10 healthy volunteers, higher MPAG glucuronidation processes appeared to be relatively unaffected by hepatic impairment disease while pharmacokinetic parameters of healthy volunteers and acellular cirrhotic patients within the same study had about 30% lower AUC₀₋₂₄ compared to healthy volunteers in other studies. Effects of hepatic disease on this process probably depend on the particular disease. Hepatic disease with more severe impairment may affect the metabolism of mycophenolate mofetil more markedly. Effects of hepatic disease on this process probably depend on the particular disease. Hepatic disease with more severe impairment may affect the metabolism of mycophenolate mofetil more markedly. In a (single) study of 6 volunteers with severe hepatic impairment (asymptomatic breath test less than 0.2%), mycophenolate mofetil clearance was rapidly converted to MPA. MPA AUC₀₋₂₄ was 4.4 times greater.

The pharmacokinetic parameters of MPA and MPAG have been evaluated in 55 pediatric patients (ranging from 1 year to 18 years of age) receiving mycophenolate mofetil as a suspension or as dose of 600 mg/day. The pharmacokinetic profile of mycophenolate mofetil in children is similar to that in adults. The pharmacokinetic data for MPA is provided in Table 2.

Table 3 Mean (\pm SD) Compared Pharmacokinetic Parameters for MPA by Age and Time After Administration

Age Group (n)	Time	T_{max} (h)	Area Under Curve ^a (mg·h) ^b	Dose Adjusted AUC ₀₋₂₄ (mg·h) ^b
1 mo < 3 yr (n = 10)	8 (P)	10.3 (4.70)	16.3 (8.69)	22.5 (6.64)
1 mo < 3 yr (n = 10)	14 (C)	14.1 (5.45)	22.4 (10.24)	22.4 (10.24)
6 mo - 12 yr (n = 16)	8.6 (3.46)	13.1 (6.39)	31.2 (12.12)	31.2 (12.12)
12 mo - 18 yr (n = 16)	8.6 (3.46)	13.1 (6.39)	31.2 (12.12)	31.2 (12.12)
1 mo < 3 yr (n = 10)	8 (P)	8.05 (3.87)	23.8 (13.44)	47.4 (19.67)
1 mo < 3 yr (n = 10)	14 (C)	11.1 (4.32)	25.8 (14.25)	50.6 (19.30)
6 mo - 12 yr (n = 14)	1.21 (0.32)	27.8 (14.43)	61.9 (19.63)	61.9 (19.63)
12 mo - 18 yr (n = 14)	1.21 (0.32)	27.8 (14.43)	61.9 (19.63)	61.9 (19.63)
1 mo < 3 yr (n = 10)	8 (P)	8.04 (3.20)	25.8 (14.25)	50.8 (19.14)
1 mo < 3 yr (n = 10)	14 (C)	11.1 (3.62)	25.8 (14.25)	50.8 (19.14)
6 mo - 12 yr (n = 11)	1.12 (0.46)	29.2 (12.56)	66.8 (21.21)	66.8 (21.21)
12 mo - 18 yr (n = 11)	1.12 (0.46)	28.1 (12.29)	56.7 (21.45)	56.7 (21.45)

^aLog₁₀ of dose at 100 mg/kg

^bLog₁₀ of dose at 100 mg/kg

^cLog₁₀ of d = d - 10

^dLog₁₀ of d = d - 10

^eLog₁₀ of d = d - 10

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^mLog₁₀ of d = d - 10

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MYCOPHENOLATE MOFETIL (NUVACON/NUVAB) (DISOPHENOLIC ACID)	MYCOPHENOLATE MOFETIL	102 mg
Inactive Ingredients	Ingredient Name	Strength
CYCLOAMYLASE KERATIN (NUVACON/NUVAB)		
FIBR. 4-15.5 (NUVACON/NUVAB)		
FIBR. 40-45 (NUVACON/NUVAB)		
FIBR. 45-50 (NUVACON/NUVAB)		
FIBR. 50-55 (NUVACON/NUVAB)		
MAGNESIUM STEARATE (NUVACON/NUVAB)		
POLYETHYLENE GLYCOL (NUVACON/NUVAB)		
POVIDONE K30 (NUVACON/NUVAB)		
CELLULOSE MICROCRYSTALLINE (NUVACON/NUVAB)		

Product Characteristics			
Color	BBQ/White	Score	80.00000
Shape	CAPSULE	Size	0.00000
		Imprint Code	BA1725

Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC-08762-070-2	100 IN 1 BOTTLE, PLASTIC		

2 | NDC:08-743-4702-3 | 500 mL BOTTLE, PLASTIC

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA 019276	06/22/2010	

MYCOPHENOLATE MOFETIL

MYCOBENZYL MOFETIL
mycophenolate mofetil capsules

Product Information			
Product Type	Human Prescription Drug	Brand Code (Source)	NDIC-58762-0793

Role of Administration ORAL

Active Ingredient/Active Moity	Ingredient Name	Basis of Strength	Strength
MYCO-PHENOLATE MOFETIL (1-N,2-EZIEIC ACID) (MYCOPHENOLIC ACID - 1-N,2-EZIEIC ACID)	MYCO-PHENOLATE	250 mg	

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Inactive Ingredients	Ingredient Name	Strength
CYCLO-CARMELLONE XODIUM (UNII: M2RQ1JHHSX)		
FIBRIC RED NO. 1 (UNII: PGZGQHLYQ)		
FERRIC OXIDE YELLOW (UNII: EXA1BHQ2M7)		
GELATIN (UNII: 2C846QH27L)		

MAGNESIUM STEARATE (UNII: 70097N6H3H)
SODIUM LAURYL SULFATE (UNII: 36C8B514UJ)
TITANIUM DIOXIDE (UNII: 131F6J5W9D)
POVIDONE K18 (UNII: U725J9YWZK)
CELLULOSE, MICRO-CRYSTALLINE (UNII: C932DD8L5)

Product Characteristics			
Color	Weight	Score	Rank
Red	Heavy	85	1

Shape	CAPULE	Size	None
Place		Imprint Code	3A726
Position			

[View Details](#)

Marketing ID	Item Code	Package Description	Marketing Start Date	Marketing End Date
2	NDC-09762-073-3	100 IN 1 BOTTLE, PLANTEC		
	NDC-09762-073-5	500 IN 1 BOTTLE, DE AYKIN		

3 NDC:09-762-0703-2 120 mL BOTTLE, PLASTIC

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date

ANSA | ANSD NO 98835 | 06/12/2010 |

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Establishment