

**Morgan Scientific, Inc.**  
**Pulmonary Function Testing**  
 151 Essex Street  
 Haverhill, MA 01832  
 (978) 521-4440

Date: **05-Jul-06**  
 Temp: **23°C**  
 Pressure: **760mmHg**  
 Humidity: **50%**  
 BTPS: **1.045**

Name: **Ivan T. Morganski**

DOB: **16-Nov-54** Age: **51**

ID: **764675**

Sex: **M** Height: **75 in**



Smoker: **X** Pack years: **26**

Technician: **Patrick Morgan**

Race: **B** Weight: **223 lb**

Cons MD: **Colin Chapman, M.D.**

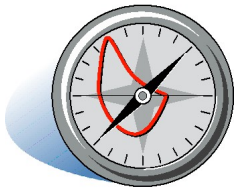
BMI: **28.1** Diagnosis: **518.8**

Lung disease, unspecified

Ref MD: **John Williams, M.D.**

Challenge Protocol: Methacholine Challenge				
Stage	Concentration	Breaths	Dsg(du)	Dsg(mg)
Baseline	---	---	---	---
Diluent	0.0000	5	0	0
Stage 1	0.0250	5	0.125	0.00125
Stage 2	0.2500	5	1.375	0.01375
Stage 3	2.5000	5	13.875	0.13875
Stage 4	5.0000	5	38.875	0.38875
Stage 5	10.0000	5	88.875	0.88875
Stage 6	0.0000	0	0	0
Stage 7	0.0000	0	0	0
Recovery	----	----	----	----

	FEV1	% Pred	FEV1/FVC	% Pred	FVC	% Pred	PEFR	% Pred
Baseline	<b>5.89</b>	149	<b>78</b>	96	<b>7.53</b>	155	<b>12.41</b>	123
Saline	<b>5.98</b>	152	<b>80</b>	99	<b>7.49</b>	154	<b>12.55</b>	125
	FEV1	% Chg	FEV1/FVC	% Chg	FVC	% Chg	PEFR	% Chg
Baseline	<b>5.89</b>	---	<b>78</b>	---	<b>7.53</b>	---	<b>12.41</b>	---
Saline	<b>5.98</b>	2	<b>80</b>	3	<b>7.49</b>	-1	<b>12.55</b>	1
Stage 1	<b>5.90</b>	---	<b>77</b>	-1	<b>7.63</b>	1	<b>12.77</b>	3
Stage 2	<b>6.01</b>	2	<b>79</b>	1	<b>7.62</b>	1	<b>12.87</b>	4
Stage 3	<b>5.56</b>	-6	<b>73</b>	-6	<b>7.61</b>	1	<b>12.96</b>	4
Stage 4	<b>5.71</b>	-3	<b>76</b>	-3	<b>7.56</b>	---	<b>12.22</b>	-2
Stage 5	<b>3.40</b>	-42	<b>61</b>	-22	<b>5.59</b>	-26	<b>9.49</b>	-24
Stage 6	---	---	---	---	---	---	---	---
Stage 7	---	---	---	---	---	---	---	---
Recovery	<b>6.04</b>	3	<b>80</b>	3	<b>7.59</b>	1	<b>12.94</b>	4



**Morgan Scientific, Inc.**  
**Pulmonary Function Testing**  
151 Essex Street  
Haverhill, MA 01832  
(978) 521-4440

Date: **05-Jul-06**  
Temp: **23°C**  
Pressure: **760mmHg**  
Humidity: **50%**  
BTPS: **1.045**

Name: **Ivan T. Morganski**

DOB: **16-Nov-54** Age: **51**

ID: **764675**

Sex: **M** Height: **75 in**

Race: **B** Weight: **223 lb**

BMI: **28.1** Diagnosis: **518.8**



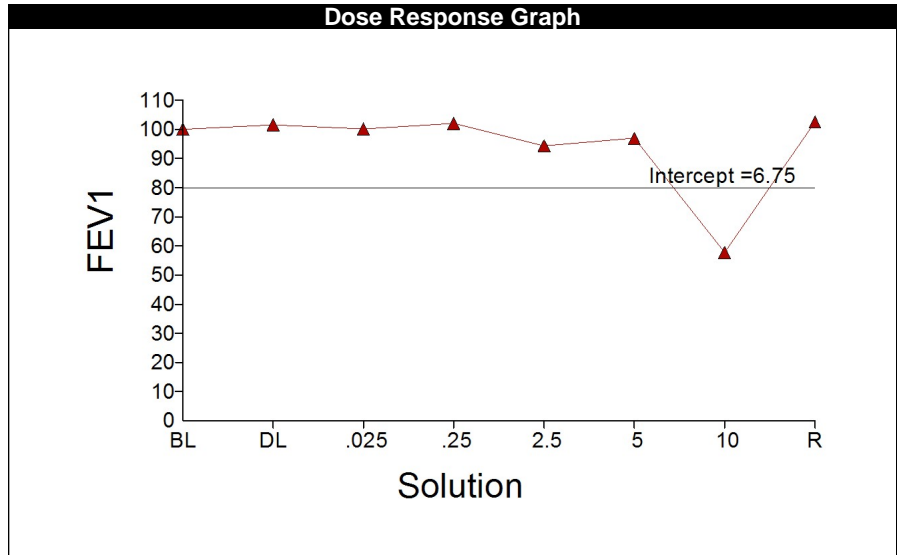
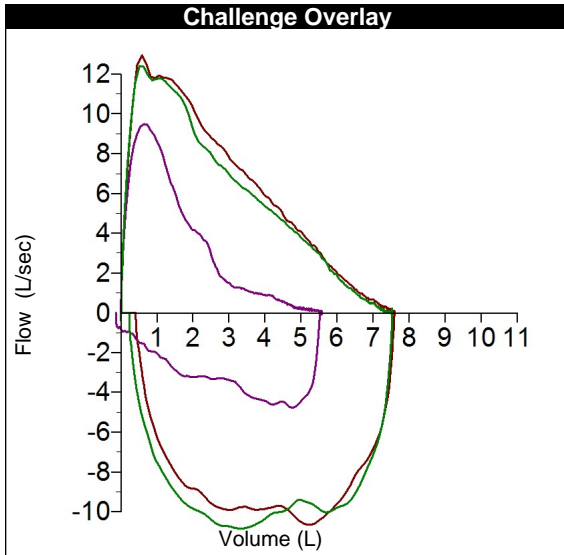
Smoker: **X** Pack years: **26**

Lung disease, unspecified

Technician: **Patrick Morgan**

Cons MD: **Colin Chapman, M.D.**

Ref MD: **John Williams, M.D.**



**Technician Notes:**

Test of the Brigham & Women's challenge report

**Physician Review:**