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ASPIDOSPERMA IN PULMONARY HYPERTENSION

A CASE STUDY

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Abstract – “Pulmonary Hypertension refers to high blood pressure in blood vessels of lungs. Aspidosperma is widely used for treating disorders which are associated with Respiratory system and the conditions arising from its obstruction. Aspidosperma gives wonderful results in Grade-3 Pulmonary Hypertension i.e., caused by Lung Disorders or Hypoxemia (Low Blood O₂)”

Keywords – HTN, Aspidosperma, Mother Tincture, Asthma, Pulmonary Hypertension

Introduction – Lungs Receive CO_2 rich blood from right side of heart. After being reoxygenated O_2 rich blood returns to left side of heart which is pumped out to the whole body. Normally, right ventricle pumps against a low resistance pulmonary circuit. Increased blood pressure in lungs results in a greater resistance. Now the right heart must work harder to push blood through pulmonary arteries. This Causes Right Ventricle to thicken, enlarge and fail a condition called as right sided heart failure. When O_2 level is low, pulmonary vessels constrict in an attempt to shunt blood to better ventilated regions of the lung. Conditions that results in low blood O_2 are risk factors for developing pulmonary hypertension i.e., COPD, Pulmonary Fibrosis etc.

Brief Case Report –

Present History -

A 57 years old Male came with the symptoms which he is suffering from past 7 days such as breathlessness < Lying Down, dry cough, fever which is not declining and stable at 101°F , Shortness of Breath on Exertion, Chest Pain, Fatigue, Palpitation on 18th April 2021.

He was diagnosed COVID Positive on 19th April 2021.(Figure-1)

Past History –

Patient is suffering from Hypertension, Frequent Coryza, Sneezing < Morning with Breathing Difficulty

Constitution – Tall, Thin, Dark Complexion

Physical Generals (Reported On 19/04/2021) –

Weight – 52 Kg

Height – 172 cm

BMI – 17.57

Blood Pressure – 140/100 mm hg

Respiratory Rate – 25/min

Pulse – 89b/min

Temperature - 101°F

SpO₂ - 85

Physical Examination –

Nose Examination – Right Sided Polyp Seen

Homoeopathic Medicine with its Dosage i.e., Given For Low SpO₂ On Therapeutic Basis-Aspidosperma Q – 20 Drops – Three Times Daily in 1/4th Cup of Water upto 25/04/2021 then dosage is decreased to one time per day.

Therapeutic Approach to the Case For Low SpO₂ –

Patient was taking Allopathic Medicine Continuously from past 10 years for HTN having a stability of 140/90 mm hg even after taking medication.

When Aspidosperma was given for breathlessness and to improve O₂ Saturation (Figure-2) a new astonishing result was seen (Figure-3). The HTN which was stable for years to the range of 140/90 mm hg drops down to 110/80 mm hg after its continuation for 3 days. (Table-1)

Adding it for one more day patient started getting vertigo and when blood pressure was noted it marks 100/70 mm hg.

This was proved when Aspidosperma dose was decreased from 3 times/ day to 1 time per day from 26/04/2021 the blood pressure starts increasing and when the Aspidosperma was discontinued it agains becomes stable as previous i.e., reaching to range of 130/90 mm hg.

Follow Up -

Date	Spo₂	Blood Pressure mm hg	Prescription
20/04/2021	85	140/100	Aspido Q 20 drops T.D.S./day
21/04/2021	87	135/95	Aspido Q 20 drops T.D.S./day
22/04/2021	90	120/90	Aspido Q 20 drops T.D.S./day
23/04/2021	92	110/80	Aspido Q 20 drops T.D.S./day
24/04/2021	95	100/70	Aspido Q 20 drops T.D.S./day
25/04/2021	99	100/70	Aspido Q 20 drops T.D.S./day
26/04/2021	96	100/80	Aspido Q 20 drops O.D./day
27/04/2021	94	110/80	Aspido Q 20 drops O.D./day
28/04/2021	94	110/90	Aspido Q 20 drops O.D./day
29/04/2021	92	130/90	Aspido Q 20 drops O.D./day

Table-1

TEST REPORT

Lab Serial No. : 202104013522	SIN No., Date : 20122669 18-Apr-21 03:56 PM
Patient Name : [REDACTED]	Sample collection date : 18-Apr-2021 03:59PM
Referred by : Dr. SELF	Report Date : 19-Apr-2021 06:49AM
Age/Gender : 57 Y 8 M 3 D / M	Report printed on : 19-Apr-2021 07:00AM
Source BY :	

POLYMERASE-CHAIN-REACTION-(PCR)

Test Name	Observation	Unit	Biological Ref. interval
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COVID-19 Virus QUALITATIVE PCR (Method: Real Time PCR)

RESULTS – COVID-19 POSITIVE

CT Values

E Gene: 18, N Gene: 18

Clinical Significance:

Positive

RNA Specific to SARS-CoV-2 Detected

Figure-1



Figure-2



Figure-3

Conclusion –

Aspidosperma gives beautiful result for Grade – 3 Pulmonary Hypertension i.e., caused by Lung Disorders or Hypoxemia (Low Blood O₂). It is the Medicine used for treating disorders associated with respiratory system and the conditions arising from its obstruction. Highly beneficial for people suffering from Asthma and Influenza. It Relieves Chest Congestion and prevents frequent coughing. Helps in promoting breathing.

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