



W-19-5kg KARTIK SO GAUTAM Gypg Katile presented of sms feature was empirically given Dexa 1/1/0 Levene respirating distant hithal hov- The 38,250 MPO may faite Center CAR- Mediational widing Herisal efform After strike Ders - Connited decremed. Dignificant & aprild had The. TLS was manifed as pur protocol & reprised RRT to. Repeat attempts to establish lineage h trick doing BMA & BMB - Pont Songgrant & No Blent Cells. Kenny to LN Biopsy too

11 1 1 1 de 1 hadenie 4









: MasterKARTIK Name

: 6 Yrs Sext Male Age

: 02/May/2023 03:15PM Collection Date 1 03/May/2023 10:10AM Received Date

Registration Date 02/May/2023

Centre Details

MR. SUDEEP KUMAR PRE2305020029 Accession.ID

Referred By

:KSCH :09/May/2023 04:57PM Report Date

Ref. No./TRF No.

DEPARTMENT OF FISH & CYTOGENETICS

Chromosome Analysis (Haem.Malignancy)

Heparin, Whole Blood Bone Marrow

Chromosomal Analysis: GTG Banding

Method Used : ONC/48 Hr Unstimulated culture

Specimen type : Heparinized ?Bone Marrow /? Peripheral Blood

Specimen Adequacy : Adequate Clinical Indication : ? ALL

Banding Resolution : 300-550 bphs

Cytogenetic Profile

Metaphases Counted : 30 Metaphases Analyzed : 30 Metaphases Karyotyped : 30

Karyotype

Total Chromosome Number : 46 Autosomes : 44 Sex Chromosomes : 2(XY)

Observation : 46,XY[30]

Interpretation

There is no evidence of any structural or numerical abnormality in any of the cells studied. The present findings may be evaluated in correlation with results of RTPCR study reported on 05/05/2023.

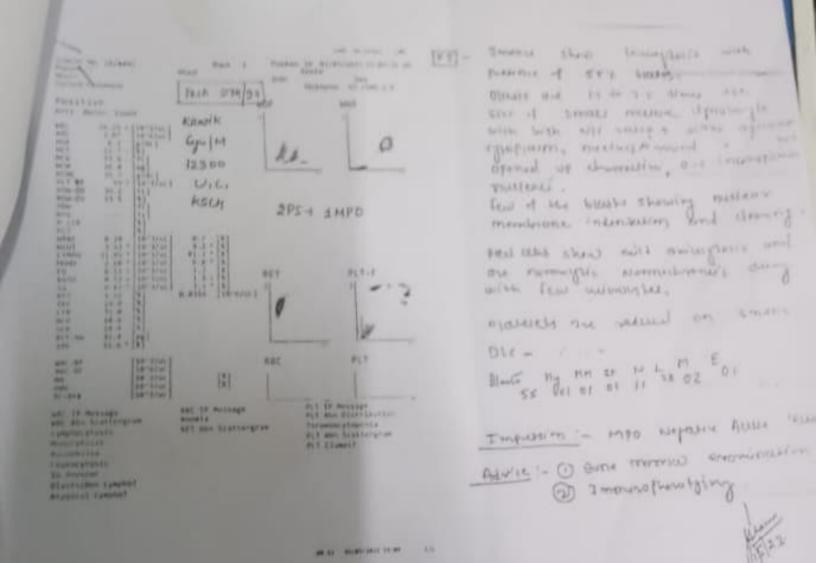
Limitation: Low grade clinial reamangements and/or the presence of submicroscopic or cryptic abnormalities may not be avident on conventional karyotyping. Commission of chromosomal study with clinical, hermatological & molecular flodings is recommended. Reported as ser ISCN 2020.

DATE:
Page 1 Page 1 Page 2 Pa
report
. DAr =1.1
· CSFno malig colle CNS Status cyto (RBC > 1.)
• FNAC (No
)
· LN Biopsy: (No 890 3175 12) Mo T. lymyhorsadu bynyhore)
D 8 PS Absolute blast count (exact)
number)
D 14 marrow: (write percentage of
blasts)
OTHER TESTS
Mx test HIV
• HbsAg
• HCV
• LFT: Bil T /- 18D 6-21 SGOT SGPT ALP
• KFT Urea 47 Creatinine O 4 Uric Acid_
• S Calcium 8.3)4.5 Phosphorus
· S Calcium_ 8. J. mediastival under to
Skeletal Survey
USG Abdomen
USG ADdonications

• CT

PET Scan (date)

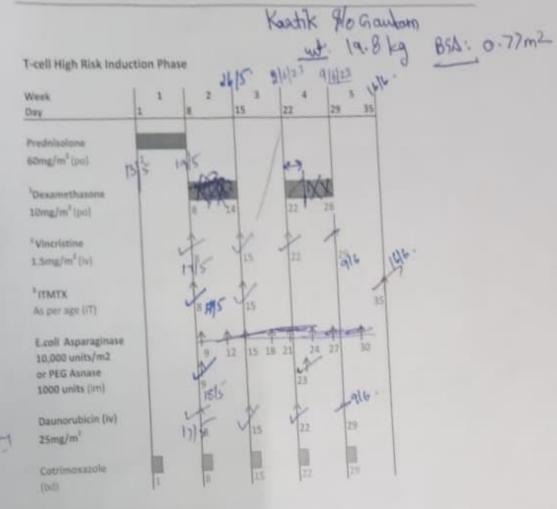
PISK ASSESSMENT:



	Diagnosis:
HEMATO	DLOGY CASE RECORD
Name Kontile	Age/Sex 6y M.
Address Granter A	Age/Sex by M. Date of Admission 30/4/2-3. I blue pure. tarlunini Gali
Ph./ Mob.: Blood Group Weight SYMPTOMS: (mention durati	M-SH-leight Surface Area
Fever 1/2 Month	
Pallor	
Skin bleeds.	
Epistaxis	
Other bleeds	
Lymphadenopathy	sully x monde
Bone pains auticulty	in breathy 150. agring
Joint pain G MI wee -	0
Eye Swelling. SIGNS	o difference o,
Poller (5)	
Skin bleeds.	a lega malled certical LA
Lymphadenopathy	y (size sites). Ineralised LAPO. malled certical LA
Joint swelling	D. A.L. LAW. D.
Liver (cms)9	cus> mid-umbilicusyes/ no
Spleen (cms)	I)cm> mid-umbilicus yes/no

	/Focal Neurological
Deficit	
Fundus	a di menual efferi o
Resp System - 4t	resentation Oplewal effer o.
CVS	
Pr	ovisional/Clinical Diagnosis

Basic Hematology Data (At admission)



¹ Dexamethasone

ong Desa due (4 days desa @ 4mg/PoD) 442 44 CBC TRS (D35) CSF pent of No blast.

Version 1.0, Dated 11th Dec, 2015

be done at end of consolidation

111

² Vincristine: maximum single dose of Vincristine is 2mg

^{*} Intrathecal Methotrexate: <2 years= 8mg, 2 years-less than 3 Years= 10mg, ≥3 years= 12mg MRD estimation on Day 35 (optional)

BSA - 0.66 m2. Tell HULL HR) 12/2 11/2 11/8 n/8 High Risk Augmented BFM co. 33 1 12 3.3 10 Week Day CTMCTH. As per age (17). Cyclophosphamide 1,000mg/m* [is] **Ecoli Asparaginase** 43 46 49 52 2.6 10,000 units/m1 or PEG Asnass 1000 units (im) 4 Vincristins 3.5mg/m2 (14) Manageoperas 117 Cotrimoxazole of connotidation to look for response

Kartik Slo Gautarn

wt - 16 kg.

D29 -> 15/7/23 -> 644 -> Not started due to LANC-1122

6 Mp- started on-2017 - 2/8





Received Date

Woodse KKA75K Sec. Sex: Nais STATE OF THE STATE OF

\$5/Mary/2022; \$5.50Arr

INDEPENDENT THE SERVICE CO.

Centre Details. Accession.10

Satured By

Report Cabs Set. No./TRF No. HIR. SUDEEP KLIHAR 09.E2305610019

KSCH.

109/May/7023 14:579%

DEPARTMENT OF RISH & CYTOGENETICS

Chromosome loolysis (Kapro, Malignancy) Screen, Visit Stock Ster, Number

Chromosomul Analysis: GTG Banding

Mythod Used

Specimen type

Scaciman Adequacy

Clinical Indication

Banding Resolution

Cytogeratic Profile

Maria Papers Courted the spingers Applyant

the actuality Variotics of

Karyotype

Total Chromosome Number

SATISSION .

San Christrations

Observation

DNC 43 Hr Unstimulated culture

Heparinized ?Bone Marrow /? Peripheral Blood

Advauste

PALL

300-550 bohs

:38

- 30

1.70

145

- 64

: 200Y

: 46XYT30)

interpretation.

There is no evidence of any emotions or numerical abnormality in any of the cells studied. The property for the party becomes and in commanders with rescales of RTPCR study reported on 05/05/2023.







	(2) 8299

Certon Datain. ALCOHOLDS, 70 Saffamol St. Report Date Bed. St. 1787 See WER, SLICERY SQUALE PHE2399520029 ASCH STATESTED BY THE

DEPLETMENT OF MOLECULAR DIAGNOSTICS-I

Acute Lymphoblastic Legislenia Translacation Panel

Acute Lymphobiavic Leukemia Translocation Panel (Qualitative) Multiples RTPCR & Col Fly trophorous

Specimen type: EDTA P. Blood Bone Marrow

TRANSLOCATION	STATUS OF TRANSLOCATION
1(9:21)(434)(11)	Nut detected
s(12;21)(p.13;q22)	Not detected
u(1:19)(q23:p13)	Nat detected
1(4:11)(q21:q23)	Not detected

The hybrid transcripts for BCR ABLI, STVS/RUNXI, EZA/PBXI and MLU/AF4 were n leak poytes of the specimen.

Interpretation:

The multiples RIPCR assay addresses interrogation of the translocation status of the fo translocations of apportunce in Acute Lymphobiastic Leukemia. The analytical sensitivit ranges from 1073 to 1074 for each of the translocations studied.

The BCR/ABLI gene translocation, or 1(9:22)(q34:q11) is found in more than 95% pati putients of podiatric and 15-30% patients of adult B-ALLs. Detection of BCR/ABLI to the diagrasis of CML and directes an unfavorable prognosis in ALL. This Test detects and Minox (m-BCR) breakpoint forms corresponding to p210 and p190kDa protein re-The ETVERUNKI gene translocation, or 1(12:21)(p13:q22) has been reported in 20-2 pecuatric pre B-ALL in the Caucasian race and 5-10% patients of pediatric pre ALL-B population. The presence of this translocation is an indicator of favorable prognosis The EZA/PBX1 gene translocation, or (1;19)(q23:p13) has been reported in 3-6% of upto 20-25% patients of pediatric pre B-ALL. The presence of the translocation is a

uninvorable prognesis. The MLIJAF4 pene translocation, or t(4:11 (c21 n23) has been reported in 3-5% of

Acute Lymphoblastic leukemia

Kenthale of Sautan

Database

Presentation from (and off) 112 or remaining in out 1/1 . Legislating in heart und . Employee . Inday.

CAR >1/3" (10)

Liver: Bulky (Yes/No

Spleen: Bulky Yes/No

Bone marrow/ PS ___ Mile neg funts lenkemin

Flowcytometry/IPT: _ . T- cell (Egymph noble)

-Estogenetics no high make cytogender

1st CSF: TLC/DLC/RBC CHEL -6-9 (PN OT Malignant sells - D

68- Absolute blast count wo blast scor

D35 - Bone marrow - not alme -CXR - NNL (No meditional widowing)

EDE - MRD

Initial risk RR

Final Risk LIR

GOVL of India KALAWATI SARAN CHILDREN'S HOSPITAL INVESTIGATION RECORD SHEET

Date CIS	eme Kardil	4	INVESTIG	ATION	RECO	RD SH	EET			
HB/HCT	ato							C.R.	No. 11	230
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Creatinine 0.65 0.39 0.42 0.24 0.24 0.25 0.35 0.35 0.28 NB 135 145 134 145 0.24 0.24 0.25 0.35 0.35 0.28 K 4.3 4.5 9.9 14.5 3.9 3.9 3.9 3.9 3.5 Serum Bilirubin 1.55 0.99 1 0.94 0.49 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.2	-				12,44	15 7L	339		1.91	2.2
NB 135 145 134 140 745 134 139 K 4.3 4.5 3.9 4.5 3.9 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3		47 37.7	34 174	175						46
K				10-28	0.20	b 35	0.35			T
Serum Bilirubin 1.56 0.89 1	-	-			11 mm					13
Direct / Indirect D. 34 C. 44	4				4.5	3.9	9-9			45
SGPT 38 33.4 46 Alk Po. 129 153 136 S. Protein/Alb 6.3 6.5 662 6.49 1254 6.03 7 178. S. Calcium/1 8.3 3.8 4.7 9.3 9.5 8.8 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	ct / Indirect	manufacture and a second second					C.54			p-3
Alli Po. 129 153 136 247 940 189 178 5. Protein/Alb 6.3 3.9 6.5 3.9 6.62 C. 44 12.12 5.03 3.9 8. Galcium/1 8.3 3.8 4.7 94.0 189 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2		3 26.9	43			- 0.010.11				2 11
S. Protein/Alb 6.3 6.5 30 6.5 6.2 C.44 1.42 6.03 7 1.72 S. Calcium/I 8.8 9.8 4.7 9.4 9.4 1.5 2.1 2.23 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	2	38 93.4	46		-		-		10005	3 8
S. Protein/Alb 3.9 S. Calcium/I 8.3 9.4 9.3 9.4 Phosphale 8.7 1.7 1.5 2.11 2.22 2.4 Lipid Profile UA C.7 3.9 CSF ME 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	0. (24	9 153	136							6
S. Calcium/I 8.3 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.5 3.8 4.7 4.7 4.5 3.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7		9	6.5		6.49			-		17
RBG 9CCP 7-37 7-2 1-4 1-5 2-11 2-22 24 Lipid Profile UA 0.7 0.9 1-4 1.5 2-0 8-8 CSF M/E 3/C	dum/1 8 -:	.3	9.4	794		9.5			4.2	- 4
RBG 9CRP 7-37 7-2 1-4 1-12 2-1 2-2 2-4 1-4 1-5 2-0 8-8 2-1 2-1 2-1 2-1 2-1 2-1 2-1 2-1 2-1 2-1					-511	20.60	1	6.	-	963
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ENGUE				1000						T
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Age Collection Date Vacaived Date	Mastericalitie 6 Tris Sext Male 02/May/2023 03:15PH 03/May/2023 10:42AM	Accession.ID Referred By Report Date	HR. SUDEEP KLISAR IPRE2305020020 KSCH 105/May/2023 05:27PH
Registration Date	1 02/May/2023	Ref. No./TRF No.	-1

DEPARTMENT OF MOLECULAR DIAGNOSTICS-I

ALL patients. The presence of the translocation is an indicator of unfavorable prognosis.

Test Attributes and Limitations:

The analytical sensitivity of the assay ranges from 10⁻³ to 10⁻⁶ for each of the translocations at Samples must be received at the laboratory under appropriate conditions within 48hrs of aspirat ensure preservation of RNA.

PCR is a highly sensitive technique; reasons for apparently contradictory results may be due to quality control during sample collection, selection of inappropriate specimen and/or presence of

inhibitors.

Note: This Test has been developed and its performance evaluated at Onequest Laboratories I

*** End Of Report ***

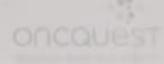
Decaimer All Results released pertain to the specimen submitted to the lab

- i. Test results are dependent on the quality of the sample received by the lab
- 2. Years are performed as per schedule given in the test listing and in any unforeseen circumstances, report naturary in
- 1. Test results may show leterlaboratory variations
- A. All dispute and claims are subjected to local jurisdiction only
- 1. Test results are not walld for madico legal purposes
- For all guerres, feerbacks, suggestions, and complaints, please contact customer care support +0124 665 0000









: MasterKARTIK Name

Sex: Male : 5 Yrs Age : 02/May/2023 03:15PM Collection Date

: 03/May/2023 10:42AM Received Date

: 02/May/2023 Registration Date

Centre Details

:MR. SUDEEP KUMAR :PRE2305020029 Accession.ID

:KSCH Referred By

Report Date Ref. No./TRF No.

:05/May/2023 05:27PM

DEPARTMENT OF MOLECULAR DIAGNOSTICS-I

ALL patients. The presence of the translocation is an indicator of unfavorable prognosis.

Test Attributes and Limitations:

The analytical sensitivity of the assay ranges from 10⁻³ to 10⁻⁴ for each of the translocations studied. Samples must be received at the laboratory under appropriate conditions within 48hrs of aspiration to ensure preservation of RNA.

PCR is a highly sensitive technique; reasons for apparently contradictory results may be due to improper quality control during sample collection, selection of inappropriate specimen and/or presence of PCR inhibitors.

Note: This Test has been developed and its performance evaluated at Oncquest Laboratories Ltd.

*** End Of Report ***

Disclaimer: All Results released pertain to the specimen submitted to the lab

- 1. Test results are dependent on the quality of the sample received by the lab
- 2. Tests are performed as per schedule given in the test listing and in any unforeseen circumstances, report delivery may be delayed
- 3. Test results may show interlaboratory variations
- 4. All dispute and claims are subjected to local jurisdiction only
- 5. Test results are not valid for medico legal purposes
- 6. For all queries, feedbacks, suggestions, and complaints, please contact customer care support +0124 665 0000

DEPARTMENT OF PATHOLOGY LADY HARDINGE MEDICAL COLLEGE & SMT S. K. HOSPITAL : NEW DELHI

HISTOPATHOLOGY REPORT

Name of Patient: Kartik

Age /Sex: 6/M

Regd. No: 12300

Hospital: LHMC

Ward: U2 C6

Dr. In charge: Dr. V. Singh

Specimen No: 3575

Microsection No.

3575/23

Nature of Specimen: Saline, Lymph node

Date of Receiving:

18/5/23

Date of Reporting: 27/05/2023

Labelled as Lymph node in normal saline (3575/23)

Sections studied shows poorly preserved lymph node architecture which appear efface monotonous population of lymphoid cells. Many tingible body macrophages and apopt identified. However, morphology is poorly preserved for definitive opinion.

Labelled as Lymph node in formalin (3575A/23)

H&E stained serial sections from lymph node biopsy show totally effaced lymph node a tumor is monotonous population of small to medium size cells with scant moderate cy irregular nuclear membrane with coarse granular chromatin and prominent nucleoli. F show irregular nuclear membrane. Numerous tingible body macrophages interspersed the population with numerous apoptotic bodies and mitotic figures seen, 10-12/hpf Features are suggestive of Lymphoblastic lymphoma.

CD3: Positive diffuse 3+ (cytoplasmic)

CD5: Positive(cytoplasmic)

CD4: Positive CD8: Positive

Tdt: nuclear positive

CD10: Positive

CD79a: positive in remenant follicle only

CD20: Positive in remenantfollicle only

Ki67: 100%

Impression: T-lymphohlastic lymphoma (coabical culture). Depot ou mode

KALAWATI SARAN CHILDREN HOSPITAL

CLINICAL PATH LABORATORY

- Pat ent ---

ple ID 12300 CSF

ant Name KARTIK U2C5

Patient ID

Sex

Male

tical unit name UNIT 2

Doctor name :

nole comment :

· · · Measurement · · ·

BF

Analysis tierne 18/05/2023 11:25:33

RBC WBC

1.1

/µI

MN#

6.7

/µI

MN%

0.0

/µl

0.0

%

PMN# PMN%

6.7 100.0 /µl

EC

0.0

%

TNC

6.7

/11 141

0x CLA

MR. SUDEEP KUMAR Centre Details :PRE2305020029 MasterKARTIK Accession. ID Marrie Sex: Male E Yes Referred by 02/May/2023 03:15PM 05/May/2023 05:27PM Aun Report Date Collection Date : 03/May/2023 10:42AM Ref. No./TRF No. Received Date : 02/May/2023 Registration Date

DEPARTMENT OF MOLECULAR DIAGNOSTICS-I

Acute Lymphoblastic Leukemia Translocation Panel

Acute Lymphoblastic Leukemia Translocation Panel (Qualitative)

Multiplex RTPCR & Gel Electrophoresis

Specimen type: EDTA P. Blood/ Bone Marrow

TRANSLOCATION	STATUS OF TRANSLOCATION
t(9;22)(q34;q11)	Not detected
t(12;21)(p13;q22)	Not detected
t(1;19)(q23;p13)	Not detected
t(4;11)(q21;q23)	Not detected

The hybrid transcripts for BCR/ABL1, ETV6/RUNX1, E2A/PBX1 and MLL/AF4 were not detected in the leukocytes of the specimen.

This multiplex RTPCR assay addresses interrogation of the translocation status of the four major gene translocations of importance in Acute Lymphoblastic Leukemia. The analytical sensitivity of the assay ranges from 10-3 to 10-4 for each of the translocations studied.

The BCR/ABL1 gene translocation, or t(9;22)(q34;q11) is found in more than 95% patients of CML, 5% patients of pediatric and 15-30% patients of adult B-ALLs. Detection of BCR/ABLI transcript establishes the diagnosis of CML and denotes an unfavorable prognosis in ALL. This Test detects the Major (M-BC) and Minor (m-BCR) breakpoint forms corresponding to p210 and p190kDa protein respectively. The ETV6/RUNXI gene translocation, or t(12;21)(p13;q22) has been reported in 20-25% patients of pediatric pre B-ALL in the Caucasian race and 5-10% patients of pediatric pre ALL-B in the Indian population. The presence of this translocation is an indicator of favorable prognosis and longer DFS. The E2A/PBX1 gene translocation, or t(1;19)(q23;p13) has been reported in 3-6% of ALL patients and upto 20-25% patients of pediatric pre B-ALL. The presence of the translocation is an indicator of

unfavorable prognosis. The MLL/AF4 gene translocation, or t(4;11)(q21;q23) has been reported in 3-5% of pediatric and adult



must Melecular Biology

MD. D.N.B (Fath) Bread-National Res MRAC RG-760-37538

DEPARTMENT OF PATHOLOGY

LADY HARDINGE MEDICAL COLLEGE & SMT. S.K. HOSPITAL, NEW DELHI

CYTOLOGY REPORT FORM

Name of Patient Korluk	Sex
Hospital U.C.n.	Ward Dr. In-Charge
Case No 1684	
Received on 18/5/23	
Investigation asked for :-	08 (3 F)

Report: CSF for malignant cytology (4805-06/25)

Gross (severed approx. I me of clear fund

The color cells [cum-

Swears are accelluler

	Hb(1:3)gm/d)	
	TLC75 (c	
*	DLC:N.9. % L.\$1% E. % NO % BETS Myleo 1. % Meta 1. %	
	n RBC/100wbc	
*	Platelets 594 / mm3	
*	Smear	
	Exam leccoryland + 55% blooks	
*	BMA (No 274/23-) Report	~
	01 01 01 01 01 01	in p
	decenagiosis c 55%.	

*	Morphological	
	Subtype	
	Special Stains	
	o MPO.	
	o PAS	
	o Peroxidase	
	o Other	
	Immunophenotyping	
•	Chromosomal studies	
	o Numerical	
	o Structural	
	a DCD ADI	
	© BCR-ABL	
	BM biopsy (No) Imprint	

report.



BACHPAN CARE ORGANIZATION

YOUR CONTRIBUTION, MANY SOLUTION

B-360, Jaitpur, Extenstion, Badarpur, New Delhi - 110044
E-mail: into@bachpancareorganization.org | Web: bachpancareorganization.org

ef. No	Date
28/07/23	
स्वा में	
सेर थापक महिद्य	
बन्यपन केन्य आर्गिताई जेशन	
बदरपुर नई दिल्ली	
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AIRA	CARE ORCE
Gautum Jeumas	Regd No.
Your Contribution Many Solution	3