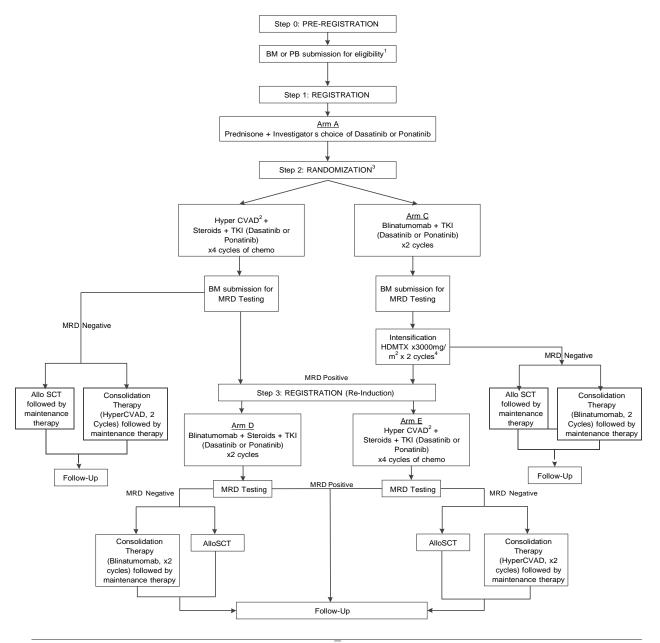


Schema



^{1:} Bone marrow specimen must be submitted to ECOG-ACRIN Leukemia Bank at MD Anderson Cancer Center for the central establishment of BCR/ABL status to confirm patient s eligibility for registration to Step 1 as outline in Section 10.2. If a diagnosis of BCR-ABL positive ALL has been established locally, the patient may be registered to Step 1 without waiting for central confirmation. Peripheral Blood is only acceptable if there is circulating blasts.

^{2:} Patients older than 70 and younger unfit patients are subject to modified Hyper-CVAD treatment only. All other patients will be treated with full Hyper-CVAD as outlined in Section 5. Type of planned Hyper-CVAD therapy is to be reported at time of registration.

^{3:} At Step 2 Randomization, patients will be stratified by age (< 60 years vs 60-70 years vs > 70 years of age), TKI intended to receive (Dasatinib vs Ponatinib) and for patient age < 70 years, if patient is randomized to chemotherapy, investigators declaration of full or modified Hyper-CVAD protocol.

^{4:} Patients must have achieved CR or CRi in order to begin intensification therapy.

3. Selection of Patients

Each of the criteria in the checklist that follows must be met in order for a patient to be considered eligible for this study. Use the checklist to confirm a patient's eligibility. For each patient, this checklist must be photocopied, completed and maintained in the patient's chart.

In calculating days of tests and measurements, the day a test or measurement is done is considered Day 0. Therefore, if a test is done on a Monday, the Monday four weeks later would be considered Day 28.

ECOG-AC	RIN Pa	tient No			
Patient's Ir	nitials (L	., F, M) _			
Physician :	Signatu	re and Date	e		
NOTE:	CTEP Policy does not allow for the issuance of waivers to any protocol specified criteria (http://ctep.cancer.gov/protocolDevelopment/policies_deviations.htm). Therefore, all eligibility criteria listed in Section 3 must be met, without exception. The registration of individuals who do not meet all criteria listed in Section 3 can result in the participant being censored from the analysis of the study, and the citation of a major protocol violation during an audit. All questions regarding clarification of eligibility criteria must be directed to the Group's Executive Officer (EA.ExecOfficer@jimmy.harvard.edu) or the Group's Regulatory Officer (EA.RegOfficer@jimmy.harvard.edu).				
NOTE:	Institutions may use the eligibility checklist as source documentation if it has been reviewed, signed, and dated prior to registration/randomization by the treating physician.				
NOTE:	This study involves preregistration during which specimens must be submitted for centralized BCR/ABL testing and results will determine the patient's Step 1 eligibility.				
3.1 <u>Preregistration (Step 0) Eligibility Criteria</u>					
3.1.1 Patient mu		ust be ≥ 18 and ≤ 75 years of age.			
3.1.	2	Patient mu ALL	ıst be newl	diagnosed with B-ALL or is suspected to have	
		3.1.2.1	diagnosis translocati Section 10 Patients c awaiting c	of ALL and the presence of BCR-ABL on must be confirmed centrally. Please see of the presence of BCR-ABL on must be confirmed centrally. Please see of the presence of BCR-ABL1 status. It is the presence of the presence of BCR-ABL1 status. It is the presence of the prese	
			NOTE:	Bone marrow and/or peripheral blood specimen	

must be submitted to the ECOG-ACRIN

Leukemia Laboratory at MD Anderson Cancer Center to determine patient's eligbility for registration to Step 1 or confirm patient evaluability. Centrally FACS analysis will be performed to determine B-ALL and to exclude

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acute myeloid leukemia (AML) or acute biphenotypic leukemia and baseline BCR-ABL status will be determined by fluorescent in situ hybridization (FISH). The ECOG-ACRIN Leukemia Laboratory will forward results within 48 hours of receipt of the specimen to the submitting institution.

Bone marrow is to be from first pull (initial or redirect). Specimens must contain sufficient blast cells.

In cases where the bone marrow aspiration may be inadequate, or the bone marrow examination has already been performed prior to study consent and enrollment on Step 0, peripheral blood may be submitted, given that adequate circulating blasts are present (>10%).

If a diagnosis of BCR-ABL positive B-ALL has already been established by local CLIA certified laboratories, the patient may be registered to Step 1 without waiting for central confirmation.

- _____3.1.3 Patient must not have received chemotherapy for B-ALL. Patients who received up to five days of hydroxyurea or steroids of any kind with the aim to reduce disease burden prior to study registration are eligible.
- _____3.1.4 Patients who started any kind of TKI prior to study registration are allowed to proceed on the study if they received no more than 14 days of TKI.
- _____3.1.5 Patient must not have unstable epilepsy that requires treatment.

3.2 Step 1 Registration Eligibility Criteria

- _____3.2.1 The diagnosis of Ph+ ALL has been determined locally, and bone marrow and/or peripheral blood was sent for central confirmation or determined centrally by the ECOG-ACRIN Leukemia Laboratory at MD Anderson Cancer Center.
- _____3.2.2 Women must not be pregnant or breast-feeding due to the potential harm to an unborn fetus and possible risk for adverse events in nursing infants with the treatment regimens being used.

All females of childbearing potential must have a blood test or urine study within 14 days prior to registration to rule out pregnancy.

A female of childbearing potential is defined as any woman, regardless of sexual orientation or whether they have undergone tubal ligation, who meets the following criteria: 1) has achieved menarche at some point, 2) has not undergone a hysterectomy or bilateral oophorectomy, or 3) has not been naturally postmenopausal (amenorrhea following cancer therapy does not rule out childbearing potential) for at least 24 consecutive months (i.e., has had menses at any time in the preceding 24 consecutive months).

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Female of child bearing potential? (Yes or No) Date of blood test or urine study: 3.2.3 Women of childbearing potential and sexually active males must not expect to conceive or father children by using accepted and effective method(s) of contraception or by abstaining from sexual intercourse from the time of registration, while on study treatment, and until at least six months after the last dose of study treatment. 3.2.4 Patient must not have known significant organ dysfunction as defined below: 3.2.4.1 Patients must have total bilirubin ≤ 3 mg/dL (unless related to Gilbert's syndrome in which case total bilirubin must be $\leq 5 \text{mg/dL}$) and AST(SGOT)/ALT(SGPT) $\leq 2.5 \text{X}$ the instutional ULN and estimated creatinine clearance > 45mg/min (based on Cockcroft-Gault Equation: (140 - Pt. age) x (Pt. weight in kg) (for females, multiply the result by 0.85) 72 x patient's serum creatinine Total bilirubin: _____Date of Test: _____ Gilbert's Syndrome? _(Yes or No) AST(SGOT):_____ULN: ____ Date of Test: ALT(SGPT): ULN: Date of Test: Estimated creatinine clearance level: Date of Test: -3.2.4.2Patients with acute organ dysfunction at registration, which may be attributed to leukemia can be registered regardless of lab results at presentation. Such patients will be allowed to register and can start Arm A steroid + TKI therapy but will only be allowed to proceed to Step 2 randomization if the eligibility criteria outlined in Section 3.3 is met. 3.2.5 Human immunodeficiency virus (HIV)-infected patients on effective anti-retroviral therapy with undetectable viral load within 6 months are eligible for this trial. 3.2.6 For patients with evidence of chronic hepatitis B virus (HBV) infection, the HBV viral load must be undetectable or on suppressive therapy, if indicated. 3.2.7 Patients with a history of hepatitis C virus (HCV) infection must have an undetectable HCV viral load and if indicated, on treatment. 3.2.8 Patients with a prior malignancy whose natural history or treatment does not have the potential to interfere with the safety or efficacy assessment of the investigational regimen are eligible for this trial. 3.2.9 Patient must not have active concomitant malignancy. Patients on chronic hormonal therapy for breast or prostate cancer or patients

Date of Test:

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Physician Signature	Date

This signature line is provided for use by institutions wishing to use the eligibility checklist as source documentation. **OPTIONAL:**